

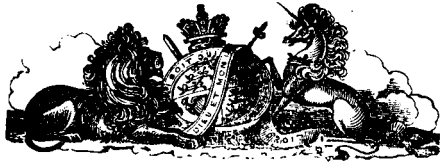
JOURNAL  
OF  
EDUCATION,

BEING THE SEMI-ANNUAL SUPPLEMENT TO THE REPORT OF  
THE SUPERINTENDENT OF EDUCATION FOR

NOVA SCOTIA.

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OCTOBER, 1903.



Published by Order of the Legislature of Nova Scotia

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# JOURNAL OF EDUCATION.

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THIRD SERIES, VOL. IV.....No. 4.—(TOTAL No. 124.)

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HALIFAX, NOVA SCOTIA, OCTOBER, 1903.

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## OFFICIAL.

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- I.—The *JOURNAL OF EDUCATION* shall be published semi-annually, in the months of April and October respectively, and shall continue to be the medium of Official Notices in connection with the Department of Education.
- II.—The *JOURNAL*, which is the Semi-annual Supplement of the Education Report, will be furnished gratuitously, according to law, to each Inspector, Chairman of Commissioners, and Board of Trustees
- III.—Each Secretary of Trustees is instructed and required to file and preserve the successive numbers of the *JOURNAL* for the benefit of his fellow Trustees and the Teacher or Teachers of his section, and their successors, and to inform his associates in office, and the Teacher or Teachers, of its receipt, so soon thereafter as may be convenient.

# Municipal School Fund

for the support of Public Schools, appropriated to Trustees of School Sections named below for the year ended July 31st, 1903.

The Asterisk (\*) indicates the Poor Sections.

Legally authorized days schools were open.

Grand total days' attendance of pupils.

Total amount from Municipal Fund.

## ANNAPOLIS.

### EAST.

	Legally authorized days schools were open.	Grand total days' attendance of pupils.	Total amount from Municipal Fund.
Institution for the Deaf and Dumb			\$225 00
School for the Blind			150 00
Melvorn	420	6667	80 29
Forest Glen	210	3470	40 77
Margaretville, East	210	5716	50 97
Margaretville	210	3546	41 11
Albert	210	1779	33 08
Victoria	210	2847	37 94
Mosher's Corner	187	2018	31 44
Port George	204	4053	42 70
Mount Hanley	210	1768	33 03
Outram	140	1035	21 36
Port Lorne	210	5311	49 13
Arlington	200	3955	41 78
St. Croix	210	2852	37 97
Hampton	210	4443	45 19
Clarence, West	210	2829	37 87
Clarence, Centre	210	4283	44 46
Clarence, East	210	3814	42 34
Brooklyn, West	207	2208	34 69
Brooklyn, East	203	1770	32 20
Spa Springs	208	2700	37 04
South Farmington	210	2344	35 66
Wilmot	210	4886	47 20
Middleton	553	14757	132 89
Brickton	210	3405	40 47
Lawrencetown	625	14970	142 43
Paradise	414½	10742	98 15
Bridgetown	829	32325	245 58
Meadowvale	210	4310	44 59
Torbrook	210	5530	50 13
Nictaux Falls	200	5200	47 44
Nictaux, South	210	1101	30 00
Nictaux	207	4866	46 76
Williamston, South	208	3116	38 92
Williamston, North	210	2914	38 25
Carleton	420	7766	85 29
Centreville	210	4640	46 09
Bentville	210	4411	45 05
Bloomington	209	3295	39 85
Inglisville	210	3526	41 02
Albany, North	208½	2229	34 96
Albany, South	207	1811	32 92
Paradise, West	210	4581	45 81
Springfield	210	6290	53 58
Lake Pleasant	210	4584	45 83

Falkland Ridge	208	4150	43 62
Torbrook Mines	210	5789	51 30
*Douglas	210	1572	42 85
*West Inglisville	201	1356	42 12
*Inglewood—Refund			25 00
*Morse Road	198	1653	41 44
*Darling's Lake	160	1438	32 79
*Alpena	180	2289	42 44
*Albany Cross	209	1864	44 46
*Dalhousie, West	207	1919	44 48
*Dalhousie, Centre	209	3638	55 21
*Stoddartville	210	605	37 00
*Cherryfield	210	2095	46 04
*Forest Dale	107	520	20 60

### WEST.

Young's Cove	202	3490	39 90
Parker's Cove	209	3496	40 77
Hillsburn	207	2812	37 44
Litchfield	210	5081	48 08
Victoria Beach	210	5000	47 72
Mariner	210	5402	49 55
Karsdale	195	3591	39 52
Winchester	210	4805	46 84
Stoney Beach	209	3321	39 96
Granville Ferry	420	9240	91 99
Granville Centre	207	6106	62 33
Belle Isle	210	6721	55 53
Gesner	209	6401	53 96
Chesley	210	5787	51 29
Round Hill	420	9873	94 87
Moschelle	210	5107	48 20
Annapolis	1049	30637	264 10
Upper Clements	210	3740	41 99
Clementsport	419	11824	103 61
Deep Brook	210	4874	47 16
Waldeck, East	210	4170	43 95
Hessian, West	210	6364	53 91
Clementsvale	416	8814	59 58
Prince Dale	209½	3617	41 38
Gaywood	107	466	14 86
Maitland	210	4046	43 39
Lake Le Rose	208	1548	31 79
Perotte	173	1836	28 94
L'Equille	420	8345	87 91
Waldeck, West	210	2557	36 63
Allen River	210	2381	35 82
*Phinney Cove	210	4170	58 60
*Greenland	203	2477	47 24
*Wright	156	1746	35 33
*Milford	206	2260	46 40
*Dargie	106½	457	19 68
*Lake May	205	2292	46 44
*Victory	107	585	20 52
*Guinea	208	2478	48 05
*Lansdowne	209	4260	48 05

### BORDER SECTIONS.

Dalhousie, East	210	609	9 66
*Northfield	156	895	20 79
Bear River	1260	16329	138 20
Kingston	210	416	3 83
Albany, New	106	526	20 00
New Grafton	210	382	6 62
New Grafton for yr. endg. July 31,			'02, 6 91

ANTIGONISH.

Institution for the Deaf and Dumb		262	50
School for the Blind		225	00
Antigonish	3114	72159	917 13
North River	210	2435	43 44
Harbor Road	205	2054	39 95
Morristown	210	2378	43 01
Lakevale	199	2723	44 31
S. Side C. George	210	3841	54 08
C. George Point	123	1523	26 17
Morar	207	3847	53 77
Georgeville	210	2638	44 98
Malignant Cove	208	6156	71 37
Arisaig	206	4794	60 82
Macara's Brook	207	2304	42 09
Pleasant Valley	210	3656	52 68
Clydesdale	193	8029	45 92
Lower S. River	207	2846	46 19
S. Side Harbor	210	3100	48 47
Monk's Head	209	3635	52 40
Pomket	209	5982	70 18
Heatherton	420	6932	102 49
Bayfield	208	4543	59 16
Afton	210	3169	49 00
W. Arm Tracadie	210	3454	51 15
Big Tracadie	210	3106	48 52
East Tracadie	206	3105	48 03
Linwood	203	4306	56 78
Havre au Bouche	615	13900	178 48
E. Havre au Bouche	209	3844	53 99
Fraser's Grant	210	2581	44 54
Caledonia Mills	210	2734	45 70
Marydale	209	5249	64 63
St. Andrew's	210	3045	48 06
Dunmore	208	3692	52 72
Fraser's Mills	209	5181	64 11
Upper S. River	210	2105	40 94
Lochaber	201	1887	38 22
West Lochaber	188	1974	37 33
N. Lochaber	210	4735	60 85
Lower Glen Road	206	1328	34 57
Salt Springs	155	827	24 71
Beaver Meadow	210	3498	51 49
Cross Roads, Ohio	210	6030	70 66
James' River	207	2380	42 66
Springfield	208	2813	46 06
North Grant	168	1818	33 77
Big Marsh	151	891	24 73
Fairmont	210	2984	47 60
Hallowell Grant	193	1576	34 91
Maryvale	204	3012	47 10
Blackavon	190	3051	45 72
New France	210	2370	42 95
Frankville	204	5987	69 63
Cape Jack	210	4022	55 46
Union Centre	210	2412	43 26
St. Joseph's	190	3524	49 30

POOR SECTIONS.

N. Merland	210	1791	51 41
Glassburn	210	2487	58 44
Upper Glen Road	210	2966	63 48
Upper Springfield	162	1307	38 91
Stuart's Mills	186	1483	43 99
Mayfield	199	1057	42 26
Beech Hill	152	1295	37 20
Cloverville	189	1383	43 96

Ashdale	201	1030	42 30
"Colored" Tracadie	210	3274	66 38
Copperlake	210	2994	63 56
Morven	196	822	39 41
W. Lakevale	9 8	750	23 12

BORDER SECTIONS.

*Auld's Cove	170	1477	30 76
Grosvenor	210	356	4 63

CAPE BRETON.

Institution for the Deaf and Dumb		\$450	00
School for the Blind			112 50
Sydney	6815	258631	3222 75
South Bar	205	8048	99 45
Low Point	210	6007	31 00
Lingan Barachois	197	1670	38 66
Lingan	194	3039	51 03
Lingan Road	208	1226	36 20
Gardiner Mines	210	3800	60 43
Mitchell	1045	30811	411 68
Bridgeport	840	26901	350 82
Glace Bay	4400	180465	2206 45
Big Glace Bay	209	4415	66 05
Rlock House	210	4807	69 80
Gowrie	320	20121	285 20
Cow Bay Road	208	1647	40 10
Homeville	210	2960	52 60
Milton	208	2550	48 54
Mira Gut	210	2524	48 53
Portage	201	2394	46 25
Horne's Road	87	473	14 76
Marion Bridge	210	7540	95 30
Caribou Marsh	210	3085	53 77
Sandfield	142	1106	27 21
Sydney Forks	103	1160	23 31
Coxheath	210	6936	89 67
Blackett's Lake	197	1825	40 12
Point Edward	209	2783	50 83
North West Arm	167	2739	45 40
Rear Balls Creek	206	1544	38 92
Leitche's Creek	201	2505	47 28
Upper N. Sydney	209	6404	84 60
North Sydney	2891	124683	1506 70
Sydney Mines	3017	84675	1148 65
Little Bras d'Or	200	4653	67 18
Little Bras d'Or W.	201	5505	75 26
George's River	187	2078	41 27
Long Island Main	210	2598	49 20
Big Bank	209	3978	61 97
Grave's Point	210	2320	46 63
Mill Creek	124	2322	36 40
Point Aconi	146	1774	33 90
Millville	209	4423	66 10
Catalone	170	2620	44 67
Bateston	204	4204	63 50
Mainadien	210	3960	61 92
Little Lorraine	95	2820	37 60
Big Lorraine	187	1541	36 25
Louisburg	840	31357	392 35
West Louisburg	206	5088	71 97
New Boston	199	2290	45 05
Trout Brook	109	857	20 97
French Road	91	898	19 20
Gabarus	202	7082	90 10
Gabarus Bay	210	3355	56 32

Upper Grand Mira	194	3151	52 48
Grand Mira	194	1435	36 48
Victoria Bridge	210	5245	73 90
Salmon River	187	2085	41 35
East Bay	134	1839	33 10
Big Pond	209	1197	36 03
Irish Vale	206	3021	52 70
Loch Lomond	116	1612	28 82
Gillis Lake	153	1843	35 38
Head of East Bay	208	4050	62 53
N. S. East Bay	141	2402	38 57
Benacadie	177	5269	70 17
Big Beach	129	2581	39 40
Beaver's Cove	161	2538	43 08
Boisdale	189	3520	55 32
Barachois	210	4561	67 52
Grand Narrows	200	3733	58 60
Edwardsville	210	2677	49 95
Reserve and Lorway	1679	51203	677 30
Bras d'Or Gut	210	4166	63 85
Brickyard	194	2620	47 10
*Victoria	207	2756	67 10
*Clark's Road	184	2098	25 15
*The Meadows	171	1337	43 65
*Grand Mira, N.	209	2939	69 67
*Enon	210	1928	57 30
*Macadam's Lake	96	1825	37 85
*Amagnadeez	205	3785	79 60
*Highlands	130	1138	34 70
*Shenacadie	181	2093	53 60
*Beechmont	190	3014	67 50

BORDER SECTIONS.

Irish Cove	210	3997	54 10
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COLCHESTER.

SOUTH.

School for the Blind		\$450 00	
Institution for the Deaf and Dumb		75 00	
Bible Hill	210	5638	51 90
Up. Onslow	210	6955	53 19
Central Onslow	210	5607	47 61
Lower Onslow	207	5018	44 83
Belmont	205	7044	52 84
Up. Belmont	210	4156	41 72
Crowe's Mills	198	5580	46 07
Onslow Mountain	210	3803	40 29
S. Branch, North R.	127	883	18 63
North River	210	3673	39 76
Salmon River	210	5854	48 72
Valley	210	3851	40 61
Lr. Pictou Road	202	1711	30 87
Greenfield	209	3837	40 30
Harmony	203	3441	37 99
Lower Truro	208	3540	38 98
Old Barns	210	581 0	48 38
Clifton	168	1518	26 07
Prince Port	208	2675	35 47
Beaver Brook	210	3642	39 64
Green Oak	203	2840	35 56
Up. Pleasant Valley	209	2803	36 11
Hilden	210	3435	38 80
Brookfield	268	9496	70 25
Forest Glen	108	500	14 83
Alma	210	3874	40 70
Fort Ellis	206	1906	32 14

Lr. Stewiacke	412	20828	133 22
" East	210	4736	44 07
Shubenacadie	210	6342	50 70
Gay's River	207	4069	41 01
Coldstream	191	2894	34 38
West St. Andrews	143	1000	21 36
Wittenberg	210	3220	37 93
St. Branch, Stew. R.	210	3691	39 96
Meadowvale	209	1680	31 57
Southvale	142	1423	22 97
Newton Mills	210	5697	47 97
Eastville	210	3376	38 56
Burnside	169	2216	29 01
Cross Roads	210	5456	47 11
Up. Stewiacke	202	5295	45 40
Otter Brook	210	3576	39 37
Mid. Stewiacke	199	4077	40 10
Birch Hill	200	3067	36 13
Alton	210	4934	44 88

POOR SECTIONS.

McCallum Settlement	67	745	14 75
Nuttby	170	2738	41 82
Up. North River	88	931	19 10
Up. Pictou Road	207	2458	46 14
Riversdale	203	2003	43 05
Camden	146	1513	31 40
Green's Creek	205	1380	39 94
Dartville	200	1748	41 20
Up. Brookfield	171	1694	36 33
Riverside	124	676	23 42
Lanesville	132	969	26 26
Pembroke	180	3059	45 21
Smithfield	205	3490	51 33

STIRLING.

Tatamagouche	421	13661	105 32
Tarbet	209	6812	52 43
Forest	209 <sup>1</sup> / <sub>2</sub>	4511	43 11
Waugh's River	203 <sup>1</sup> / <sub>2</sub>	4756	43 38
Middleton	209	4715	43 87
French River	204	4676	43 10
Tatamagouche Bay	204	3761	39 40
Murphy's	210	4307	42 38
Lake Road	210	1421	30 63
Mill Brook	205	2648	35 03
Oliver's	208	3626	39 33
McLeod's	201	3378	37 50
Byers'	203	3037	31 36
Wilson's	208	3421	38 60
Balmoral Mills	210	2675	35 84
North Earltown	166	931	23 43
Earltown	210	3175	28 43
Slade's	192	3379	37 74
Brule	206 <sup>1</sup> / <sub>2</sub>	6842	52 20
Conkey's	210	3871	40 57
Falls	210	2566	35 27
East Earltown	207	2831	36 00
Brule Point	205	1580	30 68
Denmark	207	4196	41 54

POOR SECTIONS.

West Earltown	157	1636	33 70
Clydesdale	207	1988	43 46
Truro Road	208	2358	45 60
Keble	206	1555	40 95
New Truro Road	204	2531	45 89

WEST.

Lynn	156	2216	21 47
Lr. Five Islands	418	7029	78 02
Five Islands	419	9594	88 53
Lower Economy	210	5845	48 70
Upper Economy	390	11187	91 57
Pleasant Hills	208	2482	34 69
Bass River	210	2046	33 18
Montrose	406	11030	92 83
Highland Village	210	3768	40 27
Great Village	210	3262	38 11
Mt. Pleasant	630	20986	159 75
Lornevale	197	2400	33 07
Acadia Mines	205	4304	41 73
West Folly Mt.	805	25518	198 90
East Village	178	3066	33 50
Folly Village	210	3214	38 03
DeBert	405	5266	69 36
Masstown	204	3763	39 42
DeBert Station	202	5202	45 02
East Folly Mt.	419	8918	85 80
Portanpique	201	2621	34 43
Hardwood Hills	209	2731	35 82
Little Bass	203	3149	36 81
Portanpique Mt.	209	5195	45 81
Londonderry Station	210	1253	29 95
	197	2155	32 08

POOR SECTIONS.

Castlereagh	203	1902	42 37
Folly Lake	206	1806	42 32

CUMBERLAND.

Institution for the Deaf and Dumb		\$750 00	
School for the Blind		300 00	
Malagash Point	210	3026	38 72
North Shore	210	3914	38 20
Malagash	210	3571	41 21
Stake Road	203	4772	45 88
East Wallace	205	2458	35 53
Linden	210	5549	50 40
Richmond	196	2913	36 81
Wallace	420	9543	93 53
Six Mile Road	210	3351	40 20
Wallace Bay	68	303	9 44
South Middleboro	205	6521	54 12
Southworth Centre	210	3364	40 40
“ Station	86	1721	18 05
North Wallace	210	2600	36 77
Fox Harbour	209	2429	35 86
Lower Gulf Shore	184	1417	28 25
Upper “	210	1184	30 27
Pugwash	630	21814	174 82
Wallace Bay	202	3458	39 74
South Wallace Bay	204	1535	31 16
Pugwash Junction	203	4242	43 45
East Pugwash River	199	1722	31 45
Upper “	208½	3503	40 72
Wallace Bridge	187	2915	35 43
Rockly	211	3144	39 33
Roelin	160	1720	26 80
Hansford	156	1402	24 87
Victoria	31	232	4 71
Hartford	210	4686	46 30
Port Howe	196	3900	41 05
Upper Linden	205	2181	34 25

Shimimicas Bridge	210	2485	36 36
“ Lower	207	3985	42 74
Northport	420	8730	89 70
Tidnish	205	5921	51 38
Amherst Head	199	3906	41 45
Truemanville	206	4848	46 58
Warren	206	2558	36 10
Amherst	3761	155764	1158 54
Fort Lawrence	210	4570	45 80
Amherst Point	209	1688	32 45
North Middleboro	194	3050	36 92
Nappan	415½	9500	92 67
Maccan	210	6505	54 63
Lower Maccan	166	1446	26 25
Lr. River Hebert	210	1810	33 27
Barronsfield	210	2667	37 07
Lower Cove	209	4952	47 40
Minudie	210	2594	36 73
Joggins Mines	802	33081	246 40
Shulie	210	4702	46 51
Lorneville	209	4215	44 02
Amherst Shore	207	3197	39 14
Tidnish Bridge	210	5332	49 40
River Hebert Head	202	3361	39 30
Athol	210	2708	37 40
Southampton	210	7643	59 85
West Brook	210	2974	38 52
East Mapleton	63	809	11 15
Mapleton	209	2424	35 85
Leanington	208	3540	40 83
Lr. Southampton	210	2983	38 64
Windham	116	1527	27 80
Herrit Road	210	5776	51 43
Brookdale	172	4808	42 35
Salem	210	2520	36 52
Fenwick	209	4551	45 55
Upper Nappan	202	3414	39 54
Street's Ridge	210	2208	34 97
West Leicester	208	3019	38 45
East “	208	5029	47 63
Little River	205	3350	39 60
Mt. Pleasant	206½	1906	33 15
Oxford	1258	50528	380 28
Lr. River Phillip	209½	2463	36 07
Up. “	205	3046	38 20
Wyvern	209	2602	36 65
Williamsdale	210	4388	45 05
Westchester Mt.	199	1741	31 53
“ Station	210	7732	60 36
Hastings	210	3035	38 88
Chignecto	199	5421	48 38
Farmington	103	729	15 53
Henderson Sett.	199	2253	33 88
Sand River	210	1096	30 00
Eel Creek	210	3582	41 88
East Hansford	210	2509	36 47
Mt. Pleasant	210	1980	33 91
River Hebert	630	19318	163 03
West Pugwash	199	1444	30 18
East Wentworth	157	1788	26 74
Clifton	208	4312	44 36
Springhill	3798	166925	1214 00
Mansfield	170½	1602	27 52
South Brook	210	3852	42 61
Little River	209	2116	34 42
Rodney	210	4981	47 65
Conn's Mills	194	3283	37 98
Beckwith	208	3692	41 53

South Pugwash	210	2788	87 74
Collingwood	210	5531	50 17
East Amherst	209	3748	41 90
West "	207	1940	33 38

POOR SECTIONS.

Two Rivers	171	2984	45 20
Glenville	157	1698	35 22
Westchester Lake	121	885	24 43
Lr. Greenville	210	2685	49 70
Appleton	97	532	18 55
South Victoria	203	2446	46 97
River View	155	1490	33 57
North Greenville	205	1118	39 19
Thompson Stn.	190	3557	51 70
Rushton	210	1450	42 00
Greenville Stn.	107	1034	23 18
Black River	191	1356	38 42
Salt Springs	160	1757	35 96
Springhill Jct.	206	3730	55 30
Valley Road	210	3268	53 09
Westchester Valley	210½	2353	47 60
Athol Mills	205	2763	49 22

PARRSBORO.

Parrsboro	2077	76378	595 65
Port Greville	420	13735	112 61
New Prospect	184	1129	26 93
Diligent River	197	6833	54 59
Cannonsville	208	3890	42 43
Fox River	419	12870	108 55
Brookville	183	3400	37 22
Fraserville	202	3366	39 32
Spencer's Island	200	9587	67 56
Cape D'or	410	10308	95 75
Advocate	417	13201	109 82
Apple River	414½	8931	89 98
New Salem	200	6520	53 54
Lakelands	210	4528	45 59
Halfway River	208	1989	33 73
Canaan	209	2748	37 32
Wharton	210	3684	41 85
Moose River	210	3102	39 20
Halfway River, East	210	4243	44 40

POOR SECTIONS.

Green Hill	208	2960	50 89
Black Rock	209	4270	59 04
Cross Roads	210	3543	54 77
Sugar Hill	93	350	16 82
Allen Hill	80	688	16 82
West Apple River	208	2373	47 34
New Yarmouth	64½	341	12 23

DIGBY.

Institution for the Deaf and Dumb School for the Blind	133 11		
Milford Corner	208½	3549	42 32
Lansdowne	210	2780	38 70
Morganville	206	5579	52 04
Cross Road	203	1918	33 62
Smith's Cove	419	8309	90 85
Acaciaville	204	3710	42 57
Hill Grove	210	3768	43 58

North Range	209	5044	49 76
Marshalltown	210	3841	43 94
Brighton	413	11124	104 01
Plympton	210	4777	48 56
Port Gilbert	203	3543	41 63
Barrens	208	4760	48 24
Fort Point	210	2463	37 14
Weymouth	419	10477	101 54
Weymouth Bridge	420	12620	112 23
Weymouth Mills	337	8189	80 48
Doucetville	210	4634	47 86
Digby	1249	38634	339 21
Culloden	210	3142	40 49
Mount Pleasant	107	1692	21 08
Rossway	209	4026	44 74
Waterford	204	1980	34 04
Centreville	417	11107	104 40
Sandy Cove	417	9171	94 86
Mink Cove	208	3318	41 12
Little River	209	5678	52 89
Tiverton	419	12382	110 93
Central Grove	208	3502	42 03
Freeport	839	25989	228 04
Westport	839	27685	236 40
*Joggin	145	1309	31 59
*South Range, East	184	2733	47 16
*Burton	107	790	22 18
*Plympton Station	206½	2787	51 03
*Riverdale	207	2360	48 37
*Bay View	207½	2031	46 28
*Upper Rossway	194	1059	37 75
*Lakeside	209	2874	52 07
*Tiddville	209½	4750	64 49
*East Ferry	208	2649	50 42
*South Range, West	210	3363	55 44

BORDER SECTIONS.

*Southville	205	1027	19 67
*Danvers	206	1490	41 19
Bear River	1260	21937	194 17
Ohio	196	2222	19 47
*Harlem	205	1805	34 54

CLARE.

Institution for the Deaf and Dumb School for the Blind			91 89
New Edinburgh	210	6483	91 89
Belliveau's Cove	629	19592	58 19
Grosses Coques	420	11665	176 11
Church Point	624	20018	109 69
Comeauville	415	11700	176 69
Saulnierville	417	9291	109 26
Meteghan River	406	9944	97 17
Meteghan	840	22454	99 19
Cheticamp	210	2524	214 88
Mavilette	415	11760	37 91
Hassett	210	8637	109 57
Havelock	210	3183	43 61
New Tusket	210	4189	41 29
Corberrie	210	4553	46 43
Concessions	202	8873	48 29
Therault	209	6255	69 44
Meteghan Station	210	5769	56 88
Harrington	210	2766	54 51
St. Martin	208	4633	39 15
St. Benoni	210	4636	48 46
Central	210	8385	43 71
			67 90



Bear Cove	203	2849	38 73
Cape St. Mary	210	6593	58 74
Doucet Lake	210	6771	59 65
*St. Joseph	78	1178	20 43
*Thibault	210	3679	58 43
*Easton	166	1264	34 98
*Hectanooga	100	812	21 40
*Richfield	210	3005	53 84

BORDER SECTIONS.

Beaver River	210	4380	41 51
Cedar Lake	209	1987	31 76
Ohio	196	3866	34 60
*Harlem	205	785	15 22
*Southville	205	1557	30 25
*Danvers	206	64	1 73

GUYSBORO.

Institution for the Deaf and Dumb		56 26	
School for the Blind		393 82	
Guysboro	840	21796	299 47
Riverside	210	2520	48 06
S. Intervale	209	2655	49 18
Cooke's Cove	210	4588	66 99
Roachvale	207	2156	44 37
Erinville	208	3456	56 39
Upper New Harbor	181	2574	45 11
Halfway Cove	206	2854	50 64
Half Island Cove	158	3553	51 33
Hazel Hill	419	16972	205 21
Canso	1252	45057	561 41
Upper White Head	210	2625	49 02
Lower White Head	202	2553	47 46
N. Intervale	210	3842	60 16
Middle Melford	210	2949	51 99
Sand Point	210	2887	51 42
Mid. Manchester	210	4021	61 80
Manchester	210	5002	70 78
Port Shoreham	197	3090	51 73
Boylston	208	4363	64 69
Mulgrave	209	5550	75 67
Pirate Harbor	210	9457	111 55
Steep Creek	210	2443	47 36
Oyster Ponds	127	2945	42 07
Country Har. Mines	198	1477	37 09
Stormont	203	3800	58 95
Lower New Harbor	93	2517	34 10
Isaac's Harbor	419	10433	145 36
Goldboro	420	16362	199 74
Seal Harbor	178	5443	71 00
Giant's Lake	210	2192	45 06
Coddle's Harbor	127	2290	36 08
Dover	210	4973	70 51
N. Branch	210	1629	39 91
Forest Hill	210	3224	54 51
E. Port Felix	188	7353	89 67
W. Port Felix	181	4279	60 71
Cole Harbor	210	5221	72 78
Charlo's Cove	156	6910	81 81
W. Larry's River	142	4831	61 11
E. Larry's River	204	6360	82 48
Gammond's Point	103	1010	21 50
Fisherman's Harbor	203	3326	55 20

POOR SECTIONS.

Riverside	208	2053	58 06
"Colored"	204	1400	49 45
Ogden	210	2657	65 75
Sandy Cove	209	1507	51 56
Black Point	147	1548	42 22
Old Salmon R. Road	98	1497	33 82
St. Francis' Harbor	210	5488	100 30
Lakedale	210	1609	52 96
E. Roman Valley	210	3419	75 05
Gosbee	209	3377	74 38

BORDER SECTIONS.

Grosvenor	210	4223	61 71
C. Rds., Country Har.	98	3646	44 32
Argyle	210	1252	25 25
*Port Bickerton	82	844	11 39
Auld's Cove	170	1037	23 78

ST. MARY.

Institution for the Deaf and Dumb		18 74	
School for the Blind		131 18	
Retained for Hollin's Harbor Section		4 36	
Sherbrooke	399	13908	176 46
Still Water	209	2232	45 58
Glenelg	158	1912	36 53
Smithfield	163	1386	32 26
Lower Caledonia	135	945	24 83
Upper Caledonia	210	2426	47 49
Aspen	210	5027	71 61
S. Lochaber	205	2878	51 09
Ecum Secum	210	7390	93 52
Marie Joseph	209	3773	59 86
Middle Liscomb	202	3033	52 17
Wine Harbor	210	5176	72 99
Port Hillford	210	7423	93 83
Indian Harbor Lake	210	3939	61 52
Sonora	210	4690	68 49
Goldenville	209	7020	89 97
Goshen	161	2414	41 55

POOR SECTIONS.

Cameron's Sett.	205	1297	43 58
Liscomb Mills	202	1677	52 79
Spanish Ship Bay	188	4975	91 35
Hollin's Harbor	58	350	13 54
Union	196	2471	61 66

BORDER SECTIONS.

Newton	209	3143	51 66
Port Bickerton	82	1399	19 06
Country Har. Cross R	98	240	2 94
Argyle	210	1018	20 65

HALIFAX COUNTY.

WEST.

Institution for the Deaf and Dumb		22 00	
School for the Blind		375 00	
Hubbard's Cove	203	8486½	79 41
Black Point	210	8428	79 86
Ingram River	208½	7710½	75 01
St James	210	6508½	67 36
East River	184	2363	37 28

Heal Harbor	210	5502	60 79
Victoria	209½	6228	65 43
Albert	209	5083½	57 97
Glen Margaret	209	3936½	50 50
Hackett's Cove	210	8007	77 12
Indian Harbor	210	10634	94 21
Peggy's Cove	210	3117½	45 29
West Dover	107	3235	32 35
East Dover	200½	4361½	52 26
Upper Prospect	420	14247½	142 73
Terence Bay	70	4134½	39 45
Pennant	209	6064	64 85
Sambro	210	8272	78 84
Spryfield	124	1521	24 66
Ketch Harbor	210	7750	75 44
Portuguese Cove	209	5845	62 92
Herring Cove	420	14749	145 99
Ferguson's Cove	205	5731	61 70
Cunard	210	2982½	44 41
N. W. Arm	210	5144	58 48
Rockingham	209	4447	53 82
Hammond's Plains	210	5747	62 40
African	209	4944	57 06
Bedford	420	14764½	146 10
Lr. Sackville	203½	4481½	53 30
Mid. Sackville	195	2755½	41 15
Beaver Bank	197	2489	39 65
Montague	210	3833	49 95
Waverley	420	8095½	102 69
Fall River	208	2881	43 51
Windsor Junction	203	2844½	42 68
Oakfield	209	1210	32 76
Oldham	209	5681½	61 86
Preston Road	208½	5213	58 75
Eastern Passage	208	7125	71 13
Lr. Eastern Passage	209	7927½	76 48
Cow Bay	210	5257½	59 19
Cole Harbor	210	5195	58 82
Mineville	210	1792	36 66
West Lawrencetown	210	2168	39 11
East Lawrencetown	209	2188	39 13
Porter's Lake	209	1976½	37 74
Seaforth	210	309½	45 14
West Chezzetcook	412	12275½	128 49
Grand Desert	420	11500	124 85
Head Chezzetcook	210	4980½	57 42
Hope Ridge	203	10104½	89 94
L. E. Chezzetcook	210	2490	41 21

EAST.

RURAL.

Spry Bay (Leslie)	187	6295	63 28
Sheet Harbor, West	294	10158½	101 12
Sheet Harbor, East	597½	15420	171 49
Lewiston	209	2587	41 73
Watts	205	5624½	61 01
Beaver Harbor	210	3713	49 17
Port Dufferin	416½	12922½	133 69
Dufferin Mines	207	2384	40 15
Quoddy	208½	8268	78 63
Harrigan Cove	202	7071½	70 08
Moser River	205	9870½	88 64
Smith's Cove	162	5053	52 18
Ecum Secum	204	4090	50 91

Dutch Settlement	208	4452	53 74
Landell's	207	4339½	52 88
Cook's Brook	208	2283	39 62
Lake Egmont	208	1978	37 65
Meagher's Grant	207	3928	50 21
Little River	420	7316½	97 62
South	210	6800½	69 26
North	470	9886	114 35
Taylor	125	1739½	26 14
Brookvale	208	3995	50 79
Higginsville	209	4247	52 52
Sedgewick	209	4231½	52 42
Greenwood	209	4132½	51 78
Hutchinson	209	3660	48 71
Henry	210	6315	66 10
Dean	210	2648½	42 24
Chaplin	209	4587½	54 74
Caribou Mines	205	6811	68 73
Moose River Mines	210	2824½	48 38
Gault (refund)			20 00

WEST POOR.

Shad Bay	210	3144	60 61
Beech Hill	95	955	23 39
Harrietsfield	123½	1226½	30 04
Kempton	148	1031½	32 44
Cobequid Road	44	412	10 56
Grand Lake	135	939½	29 58
Maroon Hill	201	1105½	41 50
Goff's	209	2836	67 79
Partridge River	166	1631½	39 64
Mid. Porter's Lake	195	1664	34 89

EAST POOR.

Pleasant Point	119	1164	28 99
Bowers	209	4062	68 43
Lr. Lakeville	209	3463	63 29
Owl's Head	203	4202½	68 68
Gerrard's Island	196	1814½	46 66
Sheet Har. Road	139	1301	33 36
Lochaber Mines	202½	2537½	54 31
Sober Island	181½	3330½	67 67
Sheet Har. Passage	210	4686	73 99

RURAL POOR.

Kerr's	140	1613	36 32
Sibley	207	2668	56 09
Glenmore	119	1084½	28 29
McKenzie	104	1379½	28 42
Lindsay Lake	100	645	21 44

BORDER SECTIONS.

North Beaver Bank	164	891½	24 60
Enfield	210	715	7 97
Elmsdale	210	746½	8 08
Mt. Pleasant	209	1685	20 09
South Uniacke	126	314½	5 59

Walton	210	3626	34 06
Hillsdale	178	892	19 99
Uniacke	126	1462	19 77
Beaver Bank	184	650	16 79

WEST.

School for the Blind			\$152 48
Institution for the Deaf and Dumb			76 24

HANTS.

EAST.

School for the Blind			147 52
Institution for the Deaf and Dumb			73 76
Rawdon Ch.	201	3567	37 53
S. Rawdon	189½	2447	31 88
Pleasant Valley	146	1486	23 04
Birch Brook	103	1356	17 42
West Gore	207	4134	40 40
East Gore	209	3734	39 12
Upper Rawdon	210	4591	42 52
Mt. Uniacke	201	3902	38 81
Up. 9 Mile River	200½	3844	38 53
W. Indian Road	210	2628	35 02
E. Indian Road	208	1540	30 63
Indian Reserve	207	681	27 26
L. 9 Mile River	210	2413	34 19
Balnan	207	2208	33 06
Hardwoodland	210	2346	33 93
Shubenacadie	420	12945	99 34
Mill Village	210	4367	41 65
North Salem	208	3798	39 24
Rines' Creek	197	573	25 64
Urbana	210	4863	43 54
Rockville	202	5563	45 26
Maitland	629	16159	136 47
Noel Road	201	3581	37 60
Upper Selma	420	12662	98 27
Lower Selma	416½	7284	77 36
Noel Shore	208½	5047	44 06
East Noel	208	3937	39 77
West Noel	420	10906	91 52
Burncoat	160	855	22 31
Moose Brook	208	3975	39 92
Tenecape	185	2402	31 17
S. Noel Road	176	5569	42 18
Kennetcook Ch.	210	6751	50 73
Northfield	198	3342	36 31
Hd. Kennetcook	209	4015	40 20
Five Mile River	86	1699	16 71
Whale Creek	207	1453	30 18
Gore	145	1663	23 60
Uniacke Mines	138	1982	23 99
*East Uniacke	53	369	10 28
*Renfrew	210	3479	51 02
*New Dublin	210	3199	49 60
*N. Noel Road	208	2790	47 18
*Georgefield	205	2045	42 92
*Milford	210	2302	45 02
*Greenfield	205½	1111	38 26
*E. Tenecape	205	2547	45 48
*Grand Lake	106	1115	22 51

BORDER SECTIONS.

Newport and Douglas	204	720	6 08
Enfield	210	6484	47 24
Elmsdale	210	6972	49 16
Mt. Pleasant	418	4440	53 00

Windsor	2304	90359	
Wentworth	210	5648	51 95
Three Mile Plain	415	9967	96 95
Martook	210	4423	46 12
Forks	210	4366	45 85
Falmouth Village	208	7200	59 11
Falmouth Centre	420	13573	114 75
Mt. Denson	207	4946	48 24
Hantsport	1049½	34275	288 47
Avondale	210	7039	58 58
Belmont	206	2340	35 68
Poplar Grove	208	4981	48 54
Brooklyn	418	8554	90 58
Kennetcook Dyke	89	1266	16 64
Burlington	315	6618	69 06
Summerville	419½	8712	91 52
Cheverie	420	8109	88 69
Brookville	626	12517	134 24
Cambridge	200	2920	37 74
Pembroke	210	3768	42 98
Cogmagun	142	1038	21 85
Scotch Village	210	6676	56 85
Woodville	210	3415	41 29
MacKay	209	1861	33 76
Newport Road	210	3873	43 48
St. Croix	405	9966	95 75
Ellershouse	205	5980	52 93
Riverside	201	3467	40 47
Union	209½	4184	44 92
Falmouth Valley	210	3662	42 48
Sweets Corner	195	4033	42 45
*Vaughan	197	1917	43 45
*S. Waterville	147	1829	34 98
*Greenhill	148½	1298	31 82
*Ardoise	209	1516	42 82
*Five Mile Plain	193	3065	80 13
*Mt. Summerville	210	2397	48 58
*Mills	206	1626	43 04
*W. B. Falmouth	201	3086	51 58

BORDER SECTIONS.

*Mill Brook	188	1955	40 79
Walton	210	854	8 85
Newport & Douglas	204	4533	42 59
*Hillsdale	176	719	17 05
*H. W. River	201	272	5 83

INVERNESS.

SOUTH.

Institution for the Deaf and Dumb			\$750 00
School for the Blind			225 00
Port Hastings	408	6573	115 72
Low Point	208	2998	55 34
Creignish	210	2238	48 84
Centennial	155	2886	47 89
Judique	187	1395	36 49

Judique Intervale	210	4040	66 21
Little Judique	196	2754	51 43
Millan	96	1054	22 18
Seaside	200	4761	72 38
Beaton	173	1826	39 22
Port Hood	928	26870	384 58
Rocky Ridge	204	3494	59 92
North Mabou Har.	180	3166	53 73
S. W. Mabou	210	6180	88 04
Baden	172	2615	47 14
Little Narrows	202	2031	44 76
Mabou	630	8989	166 70
Mabou Harbor	85	1584	26 27
Coal Mines	48	800	13 87
South W. Ridge	179	1880	40 49
Sight Point	207	3398	59 30
B. C. Banks	107	993	22 87
Alexander	198	2233	46 35
Smithville	209	2701	52 43
Walker	208	2550	50 77
Tulloch	102	2706	39 75
Hillsboro	206	4083	66 17
Mount Young	28	220	5 57
Milford	210	2732	52 87
Whycocomah	420	7696	128 50
Glencoe	210	2027	45 68
Strathlorne	198	6198	86 79
New Canada	200	2240	46 66
Brook Village	185	3182	54 48
Sky Glen	210	4876	74 74
Stewartdale	173	1877	39 74
Princeville	210	3298	58 64
Kingsville	210	3815	63 92
Glendale	210	3843	64 20
West Bay	201	4352	68 32
Ross' Mills	203	1266	37 07
Dallas Brook	205	1888	43 66
Marble Mount	210	3975	65 55
Little Harbour	200	1648	40 62
Malagawatch	201	1984	44 16
Valley Mills	144	2140	38 97
McLean's Bridge	205	2309	47 95
Big Brook	196	2143	45 19
Gladstone	150	2646	44 85
Portage	126	1160	26 83
Mill Brook	170	2325	43 96
Orangedale	210	2022	45 62
Gillis' Cove	210	1315	38 41
Queensville	89	1543	26 33
Rear Creignish	94	427	15 54
River P. Road	191	2830	51 61
South Highlands	70	528	13 71
Port Hood Island	202	3894	63 76
North E. Mabou	102	1478	27 21
Lorne	188	3000	52 98
Albion	210	3463	60 32
Rankin	210	2170	47 14
Port Hawksbury	840	22809	332 67
Rear Judique Intervale, refund			24 60

POOR SECTIONS.

Craigmore	206	2549	67 35
Salt Springs	206	1572	54 07
Roseburn	200	1187	47 89
Campbell Mount	210	2877	72 46
Albert	210	3011	74 28
Whycocomah Mt.	210	928	45 94
West Bay Road	45	513	14 11

Lake Horton	210	2032	60 97
Dunmore	206	2362	64 82

NORTH.

Cape Rouge	210	3003	55 63
Little River	208	7416	100 41
Muise	208	7784	104 16
Eastern Harbour	210	6053	86 75
Cheticamp Chapel	205	5128	76 71
Plateau	210	8947	116 26
Le Fort	210	11531	142 63
Le Blanc	210	7000	96 40
Ruisseau du Lac	210	7950	106 10
Grand Etang	210	8029	105 50
Friar's Head	210	9172	118 56
White	210	4026	66 07
Belle Côte	290	7790	114 01
Jacob	210	6072	86 84
Ford	210	2740	52 65
Forks	420	9324	145 11
Munro	210	5388	79 96
Leadbetter	174	906	59 29
Rossville	203	3424	39 31
Big Brook	208	1426	87 23
Capt. Allan's	210	6110	60 71
McFarlane's Bridge	210	3504	53 53
Hamilton	166	3315	68 56
Margaree Harbor	210	4300	49 88
Chinney Corner	210	2400	46 46
St. Rose	207	2140	83 99
B. C. Marsh	202	5870	47 50
Brook	210	2206	39 91
B. C. Chapel	210	3422	53 91
Big River	210	2834	129 24
Wright	360	8468	26 53
North Ainslie	100	1434	37 75
Chancellorsville	210	1248	37 75
Prince	210	7510	101 61
Forest Glen	200	1886	43 08

POOR SECTIONS.

Marsh Brook	210	1352	51 71
Pembroke	206	2750	70 81
Murphy	210	2678	69 74
Campbellton	207	8700	69 87
Widow Lords	210	1510	58 86
McDougall	201	1914	87 91
McLellan's Moun't	208	1210	49 46
Kiltarlity	184	1804	58 75

KINGS.

School for the Blind			3120 00
Institution for the Deaf and Dumb			430 00
Greenwood	210	5723	52 66
Harmony	208	4520	46 81
Nicholsville	210	4848	49 43
Millsville	210	7482	60 03
Morristown	204	4619	46 01
Sand Hill	210	2395	36 58
Dempsey Corner	210	4359	46 58
Brooklyn (a)	210	3017	39 56
St. Mary's	209	5550	61 71
Piedmont	209	6575	58 66
Ormsby Road	195	2980	37 84
Weston	210	7499	61 84
Welsford	205	8779	43 66

Somerset	420	7915	88 25
Berwick	630	17047	157 38
S. Berwick	205	6807	67 30
Waterville	420	11803	107 04
Grafton	204	4146	44 32
Woodville	420	5485	76 52
Harborville	210	3412	41 49
E. Hall's Harbor	209½	5407	51 07
Lakeville	418	8461	90 64
Northville	210	1319	31 38
Brooklyn (c)	210	4223	45 42
Cambridge	210	6177	54 85
Coldbrook	210	4486	46 68
Alton	210	3751	43 12
Lake Mills	107	1292	18 99
Canaan	209	3207	40 38
Kentville	1677	49791	440 28
Steam Mill	208	2927	38 91
Centreville	210	6736	57 56
Sheffields Mills	418	6796	82 61
N. Scotts Bay	210	3399	41 42
Lower Pereaux	209½	2834	38 64
Upper Pereaux	210	5543	51 79
Medford	210	6207	55 00
Habitant	210	4525	46 86
Canning	628	19434	168 68
Woodside	210	5215	50 21
Upper Canard	417	9233	94 27
Lower Canard	419	10485	100 55
Town Plot	210	2594	37 54
Church Street	207	6415	55 64
Up. Church Street	210	4901	48 69
Port Williams	418	10045	98 30
New Minas	210	2351	36 37
Greenwich	209	4257	45 45
Wolfville	1253½	44123	362 46
Black River	210	4986	49 10
Gaspereaux	413	8351	89 53
L. Gaspereaux	209	8158	64 30
L. Horton	206	3510	41 49
Avonport	208	5304	50 40
Lockhartville	210	3654	42 66
Ilands	210	1560	32 54
Bloomfield	208	5139	49 60
Prospect	144	807	21 04
Grand Pre	210	6465	56 24
S. Scotts Bay	206	3390	40 91
Middle Pereaux	210	4910	48 73
W. Black Rock	210	1762	33 51
Tremont	184	3104	36 90
White Rock	208	6468	56 02
Rockland	210	2083	35 07
Hants Border	210	6133	54 64
Billtown	210	3229	40 61
Horton Landing	210	4270	45 64
Highbury	210	5226	50 27
Kingsport	418	8786	92 21
Windsmere	210	1639	32 92
Aylesford	210	4898	48 68
*Lake George	155	1337	33 20
*Clermont	190	1616	40 56
*Morden	210	3090	53 26
*Fair View	210	2342	48 42
*Long Point	207	2374	48 15
*E. Black Rock	210	2280	48 03
*Chipman Brook	195	1828	42 74
*W. Halls Harbor	206	1791	44 24
*Blue Mountain	208	2541	49 39

*Baxter's Harbor Mt.	107	1075	23 92
*Baxter's Harbor	160	2463	41 28
*Peréaux Mt.	170	3614	50 28
*Scott's Bay Road	196	3217	51 84
*Davison St.	208	2276	47 69
*Greenfield	155	2623	41 50
*Woodlawn	201	1576	42 07
*Up. Gaspereaux	210	3433	55 45
*North River	159	1700	36 19
*Pleasant View	210	1867	45 37
*Lake Paul	142	1860	34 51
*S. Tremont	209	1873	45 25
*White Waters	124	1048	26 44
*Aylesford Mt.	210	1820	45 07
*Garland	200	1935	44 23
*West Brooklyn	205	3019	51 98
*S. Waterville	210	2285	48 07

BORDER SECTIONS.

Kingston	210	4971	47 10
Dalhousie	157	1901	23 53
*H. W. River	201	1841	39 66
*Kellyville	104	435	19 31
Dalhousie East	210	1600	26 19

LUNENBURG.

Institution for the Deaf and Dumb			371 76
School for the Blind			371 76
Lunenburg	2930	101481	852 35
1st Peninsula	210	5872	54 13
2nd Peninsula	209	2715	38 34
Upper Centre	209	3713	43 29
Garden Lots	210	7030	59 88
Blue Rocks	210	10500	77 10
Black Rocks	209	6113	55 21
Heckman's Island	210	2388	36 84
1st South	210	8400	66 67
Middle South	117	2146	24 57
Feltzen South	208	5479	51 95
Upper Rose Bay	203	8156	64 63
Lower Rose Bay	207	2858	38 82
Upper Kingsburg	207	3063	39 83
Lower "	208	4794	48 54
Ritcey's Cove	420	14694	122 90
Lower LaHave	210	3563	42 66
Park's Creek	210	5364	51 61
Middle LaHave	391	13804	115 05
St. Matthew's	210	4411	46 88
Summerside	411	10695	101 98
Snyder's	210	5488	52 22
North-West	205	5692	52 63
Fauxbourg	210	2906	39 41
Wynacht's	210	2405	36 92
Mader's Cove	210	7979	64 57
Mahone Bay	1253	35378	324 71
Oakland	210	8400	66 67
Indian Point	210	7300	61 47
Martin's River	210	8400	66 67
Block House	420	10755	103 36
Cornwall, Lower	210	1820	34 03
" Middle	210	2830	39 04
" Upper	210	4425	46 95
New Burn	210	4270	46 19
Parkdale	191	4816	47 64
Maplewood	210	4184	45 76
Farmington	207	4821	48 57

Centreville	210	4012	44 91
Stanbourne	210	2389	36 60
Rosedale, South	192	5805	51 66
"    North	195	6042	53 19
Meisner's	209	3438	41 93
North River	210	3631	43 00
Riversdale	209	2918	39 35
West Northfield	210	4224	45 95
Cookville	210	3645	43 07
Oak Hill	207	2253	35 82
Maitland	210	5090	50 25
Sweetland	162	1965	29 03
Upper Northfield	195½	3305	39 62
New Canada	204	3897	43 61
Branch LaHave	210	2768	38 72
Branch Lower	210	2440	37 10
Simpson's	210	6006	54 80
Hemford	180	4842	45 46
Branch Upper	185	4480	44 24
Midville	152	3252	34 22
Penny's	210	2876	39 26
2nd Peninsula, Low.	210	2950	39 63
Tancook	420	11718	108 14
Watford	204	3326	40 78
Clearland	209	6987	59 54
Bridgewater	1886	63688	540 52
Conquerall Bank	415	10585	101 92
Pleasantville	210	9590	72 58
Fralick's	210	8400	66 68
Pentz's	210	6579	57 57
Getson's	210	8400	66 68
West Dublin	420	10882	104 00
Bell's Island	210	4729	48 46
New Cumberland	210	3575	42 73
Mt. Pleasant	206	4419	46 45
Petite Riviere	210	9025	69 78
Broad Cove	210	3361	41 67
Cherry Hill	205	5788	53 12
Vogler's Cove, W.	206	4563	47 16
Crousetown	123	2363	26 36
New Italy	210	3192	40 83
Conquerall Mills	209	4959	49 48
Hebb's Mills	210	3412	41 92
Baker's Sett.	204	5183	50 01
Newcombville	208½	4794	48 60
Wileville	210	4892	49 28
Lakeville	195	1095	28 65
Chelsea, Upper	191	3942	42 29
"    Lower	210	4807	48 85
Lapland	210	3644	43 07
Waterloo	210	2564	37 72
Nineveh	155	1896	27 85
Conquerall, W.	210	3945	44 56
Pine Grove	210	3043	40 09
Little Tancook	156½	3565	36 30
Dublin, East	205	5637	52 36
Herman's Island	210	623	28 08
Corkum's Island	210	2523	37 51
Vogler's Cove, E.	210	2637	38 07
Farmville	161	1752	27 86
Union	206	4162	45 18
Iron Bound	210	1094	30 43

POOR SECTIONS.

Low. Northfield	210	2948	52 82
Eastern Points	104	2341	81 99
Big Lots	210	1783	45 13

Fancy's	209	1636	43 98
Rhyno's	210	1817	45 34
Indian Path	210	2098	47 20
Middleton	210	3725	57 95
Lakefield	206	1745	44 22
Lakeview	210	1228	41 44
Woodstock, Up.	157	1863	37 23
Rose Bud	98	740	20 42
Crouses	210	2652	50 86
Woodstock, Low.	157	1405	34 19
Stanley	210	2237	48 11

BORDER SECTIONS.

Dalhousie, E.	157	577	7 21
"    " for 1902	212	785	11 51

CHESTER.

School for the Blind			78 24
Institution for the Deaf and Dumb			78 24
Chester	840	28878	262 49
Chester, East	210	5822	57 76
Marriott's Cove	207	7213	65 22
Chester Basin	417	12615	120 03
Chester Grant	210	2847	41 02
Charing Cross	210	7103	64 97
Mill Road	178	2783	36 55
Back of Lake	210	3614	45 35
Forties	118	3371	33 01
Gold River, N	210	5175	54 11
Gold River, S	210	7592	67 71
Martin's Point	210	8097	70 56
Indian Point	210	4023	47 63
Blandford	210	5270	54 66
Bayswater	210	2843	41 00
Fox Point	210	7749	68 60
North West Cove	210	3484	44 60
Mill Cove	201	8879	73 83
Pine Plain	209	1900	35 74
Deep Cove	200	2797	39 55

POOR SECTIONS.

*Windsor Road	210	3100	56 58
*Sherwood	127	975	27 46
*Norwood	190½	2353	47 50
*Germantown	117½	782	24 51
*Beech Hill	153	1315	34 14
*Harriston	210	1643	45 64

BORDER SECTION.

*Mill Brook	188	102	2 25
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PICTOU.

NORTH.

School for the Blind			\$225 00
Institution for the Deaf and Dumb			450 00
Carriboo River	205	2787	39 06
Toney River	206	2049	35 37
Seafoam	196	4106	44 90
Melville	192	1284	29 51
Cape John	210	3749	44 88
Hedgeville	190	3619	41 65
Marshville	208	3425	43 90
Louisville	210	3265	43 55

Mountain Road	202	2890	39 25
River John	632	18274	171 77
Hodson	209	3170	41 56
Bigney	207	4416	47 93
Welsford	207	2713	38 90
West Branch, R. J.	208	5155	51 97
Diamond	207	2087	35 59
South Dalhousie	156	1960	28 88
Millville	209	2788	39 52
Elmfield	209	1771	34 14
Plainfield	204	3812	44 38
Meadowville	202	2577	37 59
Scotsburn	210	3293	42 47
Hardwood Hill	199	900	28 35
Cross Roads, R. Hill	208	1426	32 19
Rogers Hill Centre	199	4161	45 64
Six Mile Brook	210	4058	46 40
Brookland	206	1595	32 86
Salt Springs	208	4625	49 16
Up. Mount Thom	138	1012	22 08
Lr. Mount Thom	206	5517	53 66
Watervale	180	1576	29 86
West R. Station	210	2807	39 76
New Gairloch	201	1422	31 35
Lansdowne	207	1467	32 30
Mill Brook	204	1430	31 75
Loch Broom	210	1263	31 58
Pleasant Valley	210	2208	36 70
Lovat	210	1107	30 75
Up. Green Hill	208	5173	52 06
Lime Rock	210	3408	43 07
West River	210	3815	45 11
Durham	210	4720	50 03
Lyon's Brook	418	8349	93 77
Scotch Hill	210	1445	32 54
Fisher's Grant	210	4336	47 87
Indian School	192	2503	36 03
Central Carriboo	209	2324	36 97
Bay View	210	2123	36 26
Three Brooks	201	2490	37 01
Pictou Island	184	2591	35 71
Waterside	205	1150	30 15

SOUTH.

Alma	210	5538	54 24
Union Centre	210	2680	39 08
White Hill	210	2627	38 93
Marshdale	209	1252	31 38
Glengarry	207	4879	47 74
Lorne	205	4461	47 94
Hopewell	209	7297	63 45
Riverton	58	271	8 32
Tor Brook	201	3097	40 24
Island, E. R.	210	1373	32 28
Springville	210	7131	62 82
Bridgeville	420	11453	110 49
Glencoe	210	4838	50 53
Sunny Brae	209	8024	67 30
Blanchard	147	1581	26 03
Blue Mountain	210	2618	38 75
Garden of Eden	210	2824	39 97
East R., St. Mary's	195	4868	48 92
Elgin	208	2771	39 32
McPherson's Mills	205	2017	34 97
Greenwood	188	4367	45 60
McLellan's Brook	209	4806	50 23
Linacy	210	1403	32 32
Churchville	210	3406	43 06

Trenton	840	26886	240 33
Abercrombie	203	2361	36 56
Chance Harbour	40	212	5 88
Fraser's Mountain	123	962	19 67
King's Head	210	2187	36 47
Pine Tree	210	2559	38 56
Sutherland's River	198	1922	33 65
West Merigomish	196	3657	42 76
Merigomish	210	5425	53 64
Piedmont	204	2870	39 38
Avondale	195	1941	33 40
Lr. Barney's River	209	5920	56 14
Lismore	206	4052	45 89
Ardness	208	3118	41 16
Bailey's Brook	203	1987	34 57
Big Island	206	2491	37 62
Smithfield	129	2242	27 16
Kenzierville	210	2687	39 24
Broadway	53	2927	7 87
French River	205	2033	35 07
New Lairg	206	1910	34 53
Meiklefield	210	1735	34 18
Little Harbour	210	3224	41 98
Rocklin	201	2260	35 79
Plymouth Rd.	208	3585	43 64
Up. Hopewell	207	2419	37 34
Wentworth Grant	200	1246	30 30
E. Barney's River	145	1572	25 76
Granton	208	3150	41 33
Thorburn	630	21716	190 02
Centredale	210	2577	38 65
Eureka	420	14044	124 23

POOR SECTIONS.

NORTH.

Poplar Hill	157	1201	33 34
College Grant	137	969	28 55
Black River	200	2104	46 51
Loganville	201	1212	40 36
Lr. Green Hill	206	677	37 38
Sundridge	207	2369	49 50
Carriboo Island	107	872	23 12
Up. Toney River	184	1138	37 40
Beech Hill	207	1840	45 75

SOUTH.

Moose River	136	452	24 90
Kirkmount	199	1576	42 63
Marshy Hope	192	2430	47 58
Marsh	131	1510	31 57
Rossville	126	1159	28 31
Greenvale	154	938	31 01
S. McLellan's Mtn.	145	1456	33 41
Woodfield	197	1518	41 91
Black Brook	210	2162	48 50
Mount William	207	1548	43 69

BORDER SECTION.

Newtown	210	329	1 75
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QUEENS.

Institution for the Deaf and Dumb		\$75 00	
School for the Blind		75 00	
Port Joli	197	1875	35 14
Port Mouton Cen.	209	5860	61 38
Port Mouton N.	210	3281	45 43
Hunt's Point	210	5692	60 46
Western Head	210	2538	40 81
Moose Harbor	204	2833	41 94
Liverpool	1889	60900	604 29
Milton	1047	31100	318 39
Brooklyn	420	11514	121 70
Beach Meadows	210	6639	66 36
Eagle Head	209	4467	52 70
West Berlin	210	6591	66 06
Port Medway	614	13765	158 85
East Port Medway	210	4490	53 97
Mill Village	577	12089	143 98
White Point	210	3729	48 22
Summerville	210	2648	41 50
S. W. Port Mouton	204½	3434	45 73
*St. Catherine River	99	640	21 02
*Port Mouton Isle	199	1462	43 70
*Gull Island	62	781	16 32
*East Port L'Hebert	210	1283	43 95
Pleasant River	198	4812	53 54
North Brookfield	418	11276	120 00
Kempt	210	3550	47 11
West Caledonia	210	2702	41 83
Devonshire	210	1776	36 06
Whiteburne	208	2440	39 98
Caledonia Cen.	206	1722	35 26
Harmony	209	3406	46 16
Caledonia Cor.	207	9945	86 60
South Brookfield	210	4426	52 58
Greenfield	210	5122	56 91
Molega	210	4582	53 54
*Westfield	156	2217	43 16
*Hibernia	156	990	32 97
*Middledale	154	926	32 11
*Buckfield	205	3098	58 25
*Bang's Falls	87	1552	26 68

BORDER SECTIONS.

*Albany New	106	.....	.....
New Grafton	210	1577	29 94
Northfield	156	548	13 96

RICHMOND.

Institution for the Deaf and Dumb		300 00	
Acadiaville	420	11535	150 75
Port Royal	210	5686	74 65
Arichat	630	15635	211 55
Poulamond	210	9731	110 00
Petit de Grat	210	4410	63 50
Little Anse	210	5045	95 25
Cap-la-Ronde	193	3548	53 98
D'Escousse	210	10500	116 70
Richmond Mines	208	3826	58 17
Port Malcolm	138	3133	43 80
Basin	210	3396	54 65
East Basin	203	3580	55 45
St. Louis	207	7870	93 40
Oban	208	2203	44 05
The Points	203	1632	38 42
South Mountain	201	3645	55 75

Beaver's Cove	209	3846	58 48
Rockdale	210	4670	63 78
L'Ardoise	401	12197	154 25
Point Micheau	210	1867	41 30
Grand River	198	5000	67 25
L'Archeveque	208	2622	47 65
St. Esprit	210	2822	49 65
Fourche	44	502	12 92
Grand Falls	210	1635	39 27
Red Islands	201	3423	53 83
Soldier's Cove	210	7221	88 07
St. Ann's	202	1225	45 57
Salmon River	205	2402	77 30
River Bourgeois	420	14577	177 30
Cannes	199	8043	94 05
Framboise	210	3873	58 88
Sunnyside	210	4097	60 77
Rocky Bay	210	2860	49 95
Orange	210	3156	52 65
Stirling	130	1610	29 53
Point Marache	206	2717	48 25
Peter's Mountain	210	4346	62 95
Brymer	420	9218	130 50
Edwards	210	3843	58 57
Macdougall	630	18756	238 80
Lewis Cove Road	179	2138	39 96
Grand Greve	209	2307	45 00
Port Richmond	197	3429	53 40
Poiriville	184	5275	67 95
West L'Ardoise	420	11926	129 16
*Martinique	88	1584	32 35
*Lochside	210	1370	49 25
*Kempt Road	137	901	32 15
*Grand Digue	185	2060	53 30
*St. George's Channel	157	2066	48 55
*Loch Lomond	210	1585	51 75
*Brae	205	1405	48 90
*Macnab	202	2540	60 60
*West L. Lomond	165	934	36 95
*Hureauville	210	2089	57 65

BORDER SECTIONS.

Cleveland	209	3382	50 05
Irish Cove	210	1900	24 65
Hawkesbury	821	2373	30 85

SHELBURNE.

Institution for the Deaf and Dumb			\$267 96
School for the Blind			114 84
Sable River	210	6355	60 43
West Sable	209	2510	34 88
Louis Head	202	3586	38 31
Lit. Harbor	203	5631	46 59
Rockland	208	2221	33 62
Allendale	210	4667	43 69
Osborne	412½	8912	84 40
Lockeport	836	24084	195 47
E. G. Harbor	208½	3479	38 66
East Jordan	208	4232	41 68
Jordan Falls	420	9319	87 16
West Jordan	210	3904	40 53
Jordan Bay	209	2536	34 98
Lr. Sand Point	208	7715	55 48
Sand Point	205	4504	42 34
Shelburne	1043	36765	42 34
Birch Town	206	6967	270 65



Gunning Cove	207	4462	42 41
Roseway	182	3664	36 24
Black Point	210	5271	46 00
N. E Harbor	205	2620	34 84
Port Saxon	210	2920	36 63
Lower Ohio	209	8363	38 26
Upper Ohio	210	1596	31 35
Upper Clyde	210	2869	36 44
Matthew's Point	210	1952	32 77
Middle Ohio	210	1393	30 54
Churchover	210	4157	41 56
Lit. P. L'Hebert	209	946	28 65
West Head	208	3711	39 54
Brighton	210	4235	41 87
East Sable	201	2063	42 84
W. G. Harbor	210	7213	71 69
Upr. W. Jordan	210	5638	63 27

BORDER SECTIONS.

Clyde River	413	4044	51 97
Middle Clyde	149	249	5 60

BARRINGTON

Institution for the Deaf and Dumb			257 04
School for the Blind			110 16
Port Clyde	210	3951	42 16
Cape Negro	204	5931	50 04
Blauche	210	2110	34 16
C. N. Island	210	2140	34 29
Up. Port La Tour	209½	5793	50 08
Port La Tour	210	6511	53 87
Baccaro	412½	9063	83 42
Hibbard's Brook	210	5677	49 61
Passage	420	12732	195 25
Doctor's Cove	210	5496	48 86
Bear Point	194	3751	39 38
Shag Harbor	208½	4491	44 33
Wood's Harbor	629½	23137	175 31
Up. Wood's Harbor	408	7434	80 84
Forbes' Point	210	4304	43 68
Charlesville	208	5545	48 83
Centreville	210	4776	45 73
Newellton	208	7938	59 22
Clark's Harbor	839	32352	240 26
South Side	210	6626	53 77
Stony Island	418	9608	91 46
Head	416	8858	87 95
Hawk	209	5525	48 86
Hamilton	203	436	26 06
*Villagedale	210	1503	42 02
*Oak Park	196	3139	48 26

BORDER SECTIONS.

*Middle Clyde	149	943	24 77
Clyde River	413	1573	20 15

VICTORIA.

Baddeck	784	27680	378 33
Baddeck Bridge	210	1485	40 29
Big Baddeck	210	1542	40 87
East Baddeck	210	2201	47 66
Mill Brook	210	2816	54 00
Baddeck Bay	185	2312	45 82
Hunter's Mount.	210	3580	61 35

Church	210	3311	59 10
McLennan	210	1712	42 63
McCharles	157	1566	34 92
Middle River West	210	2917	55 04
Nyanza	210	3920	65 36
Hume's Rear	146	1458	32 39
Bucklaw	160	2492	44 82
Grant	210	3612	62 20
Little Narrows	210	2283	48 51
Iona	208	5465	81 03
Gillia Point	100	3154	44 38
Plaister Mines	157	1736	36 68
Cape Dauphin	107	2012	33 46
Sea View	194	3894	63 19
Munro	204	1980	44 67
Island Point	190	2080	44 04
Big Hill	204	3776.	63 16
South Gut	208	5628	82 71
Englishtown	196	2548	49 56
North River Centre	210	3888	65 04
Eel Cove	210	1262	38 00
Indian Brook	180	2830	50 57
Plaister	96	1448	26 35
French River	186	5970	83 62
Wreck Cove	190	1718	40 31
Clyburn Brook	210	4180	68 04
South Ingonish	204	6316	89 31
Big Interval	35	400	8 32
Bay St. Lawrence	210	4440	70 72
Neil's Harbor	415	10807	160 67
North Smokey	210	3294	58 92
West Ingonish	158	2486	44 52
Goose Cove	208	3010	55 76
Middle Harbor	103	2300	35 94
Middle Ridge	156	3920	59 04

POOR SECTIONS.

Gillander's Mount.	194	2090	59 49
Inlet	54	290	12 56
Lower Washabuck	210	2410	66 42
Upper Washabuck	195	1854	56 40
R. Up. Washabuck	210	2936	73 64
Estmere	197	2140	60 65
Tarbert	167	1660	48 30
Tarbert Vale	53	820	19 67
Forks	210	1926	59 78
Garry	210	2096	61 11
New Glen, refund			20 00
R. Up. Washabuck			25 68

YARMOUTH.

Institution for the Deaf and Dumb			\$87 02
School for the Blind			261 06
Rockville	209	5145	49 99
Town	6244	190657	1672 90
Overton	208	4565	47 04
Pembroke	205	7207	69 59
N. Chegoggin	208	4175	45 14
Sandford	209	6134	54 81
Port Maitland	630	17507	160 43
Norwood	207	2729	37 95
Richmond	210	3636	42 74
Ohio	420	12703	111 98
Wellington	209	4490	46 79

Hebron	630	12776	137 34
Brenton	209	3910	43 96
Pleasant Valley	192	1879	32 00
Bloomfield	196	2857	37 25
Carleton	193	6199	53 21
West Kempt	210	3987	44 45
Reynardton	202½	3732	42 31
Arcadia	416½	10331	100 01
Cent. Chebogue	209	5383	51 15
Brooklyn	418	8704	92 24
Sand Beach	208	5698	52 57
Deerfield	210	4175	45 38
Dayton	208	2679	37 80
South Chegoggin	210	5177	50 27
Lake Annis	204	3326	40 52
*West Brazil	208½	1762	44 54
*Forest Glen	196½	1936	43 78
*Canaan	194	2891	49 58
*Pinckney's Point	210	6416	75 08
*Cape Forchu	78	689	16 96
*North Kempt	210	3452	55 78
*Greenville	197	3767	63 74
*Somerville	103	828	21 74

BORDER SECTIONS.

Riverdale	206	2587	26 24
Melbourne	203	5189	47 93
Gavelton	210	1210	15 00
Beaver River	210	1350	12 47
Cedar Lake	206	269	4 37

ARGYLE.

Institution for the Deaf and Dumb			62 98
School for the Blind			188 94
Lr. E. Pubnico	413½	11053	105 86
Mid. E. Pubnico	415	11517	108 41
E. Pubnico	410	9465	97 30

Pubnico Head	419	13223	117 63
Up. W. Pubnico	420	12997	116 58
Lr. W. Pubnico	420	12888	116 04
Lr. Argyle	207	3673	43 47
Argyle Harbor	210	4850	49 86
Cent. Argyle	412	7067	85 25
Glenwood	210	5396	52 66
Argyle Head	202	2919	39 01
Sound	208	4645	48 55
W. Quinan	186	5354	50 57
E. Quinan	186	7307	59 55
Comeau's Hill	209	5913	55 17
Cent. Kempt	210	3443	42 66
Eel Brook	415	9110	96 08
Abram's River	210	6624	58 95
Surett's Island	206	4996	50 18
Sluice Point	210	9073	71 50
Tusket Hill	418	13098	116 88
Tusket	406	12332	111 50
Plymouth	210	7740	64 67
Upper Wedge	420	14126	122 35
Middle Wedge	420	17305	186 66
Lower Wedge	412	12160	111 33
Lr. Eel Brook	210	5957	55 54
Mid. W. Pubnico	420	14793	125 78
Argyle	204	3779	43 64
Hubbard's Point	207	11186	81 95
Mid. Belleville	205	6711	58 79
*Springhaven	162	2834	45 01
*Bell Neck	119	1426	28 50
*Rockingham	117	1308	27 36
*Hawthorn	190	1936	43 34

BORDER SECTIONS.

Gavelton	210	2091	26 65
Riverdale	206	1943	20 84
Melbourne	203	356	3 36

PROVINCIAL AID,

To Teachers employed in the Public Schools,  
for the half year ended Jan. 30, 1903.

The Asterisk (\*) marks those employed  
in Poor Sections.

	Number of Teaching Days employed.	Am't paid to Teach- ers from Provincial Treasury.		
ANNAPOLIS.				
Robinson, Ernest	104	\$95 13	Baker, Ermina M	107 41 95
Ruggles, Lenfest	107	97 90	Banks, Almada M	107 41 95
Schaffner, S C	107	83 91	Bent, Lily J	107 41 95
Smith, A W L	107	97 90	Bent, Sarah R	107 41 95
Atwood, Alice J	107	55 94	Best, Linda	107 41 95
Banks, Beriah S	107	55 94	Bogart, Mary L	107 41 95
Best, Elsie M	107	55 94	Brinton, Effie S	107 41 95
Brown, Ada B	102	53 32	Brown, Estella M	107 41 95
Brown, Alfred D	85	44 43	Chesley, Sarah B	107 41 95
Capstick, Frances	107	55 94	Clarke, Hattie M	106 41 56
Capstick, Grace	107	55 94	Clarke, Gertrude M	109 42 73
Chipman, Ella M	107	55 94	Corbitt, Annabel G	107 41 95
Chute, Flora L	21	10 97	Crowe, Bessie H	107 41 95
Crisp, Wm K	99	51 75	Crowe, Joseph	106 41 56
Durling, Ina	65	33 97	Durling, Aubrey D	107 41 95
Durling, Ruby E	107	55 94	Durling, Edna	107 41 95
Dunn, Harry L	107	55 94	Durling, Ina	42 16 46
Eaton, Ethel M	107	55 94	Elliott, Etta M	92 36 07
FitzRandolph, Mary F	106	55 41	Elliott, Malcolm R	107 41 95
Gilliatt, Evelyn R	107	55 94	Elliott, Sarah L	107 41 95
Gilliatt, Mary L	107	55 94	Fisk, Cora L	107 41 95
Gilliatt, John B	107	55 94	Foster, Arthur D	107 41 95
Graves, Eva M	107	55 94	Foster, Mayhew C	107 41 95
Hall, Carrie M	107	55 94	Gesner, Agnes	107 41 95
Harlow, Agnes O	107	55 94	Healy, Bertha A	107 41 95
Harris, C Louise	107	55 94	Longley, I Fletcher	105 41 17
Kinney, Annie M	106	55 41	McCormick, A E	107 41 95
Kirk, Helen M	107	55 94	McLean, Muriel A	107 41 95
Longley, Wm H	107	55 94	Miller, Bessie G	107 41 95
Marchant, Laura L	107	55 94	Morse, Lillian M	107 41 95
McGill, Gao B	107	55 94	Morse, Nellie C	107 41 95
Morse, Garnet D	80	73 18	Parsons, Mary P	107 41 95
Neily, Laura M	107	55 94	Phinney, Lulu M	107 41 95
Neily, Mary H	107	55 94	Phinney, Mary S	107 41 95
Newcombe, Dena M	107	55 94	Shaw, Lela B	15 5 88
North, John T	107	55 94	Simpson, Lizzie M	107 41 95
Parker, E Mand	107	55 94	Tanch, Jos W	107 41 95
Patterson, Annie McG	107	55 94	Tibert, Walton K	109 42 73
Scott, Agnes B	20	10 45	Ward, Mary J S	107 41 95
Spurr, W Voorheis	107	55 94	Whitman, Cassie S	107 41 95
Van Buskirk, J L	107	55 94	Abbott, Henrietta H	57 14 89
Vidito, Helen A	107	55 94	*Balsler, Lilla B	107 37 02
Wade, Lennie D	106	55 41	Berteaux, Lizzie A	107 27 97
Walker, Charlotte E	107	55 94	*Berteaux, Maggie E	103 35 63
Wotton, Eunice R	107	55 94	Beadsley, Jos D	68 17 76
Bacon, Agnes S	107	41 95	*Brown, Viva G	63 21 79
			Buckler, Elsie A	106 27 70
			Cossaboom, Annie F	106½ 27 83
			Coulston, A Neil	107 27 97
			*Cropley, Ethel B	105 36 32
			*Daniels, Ella M	53 18 33
			*Dunn, Annie M	106 36 66
			Fleet, Gertrude M	107 27 97
			*Freeman, Nina L	75 25 95
			Gates, Lilla L	107 27 97
			*Gillis, Alice B	104 35 97
			*Gillis, Eliza A	106 36 66
			*Gormley, Augusta M	52½ 18 16
			Harris, Fred R	107 27 97
			Henry, Alice M	107 27 97
			Hiltz, Annie L	107 27 97
			Hindon, Oressa N	107 27 97
			*Hunt, Estella M	107 37 02
			Morgan, Lizzie	107 27 97
			*Morrison, Laura B	107 37 02
			*Morse, Annie M	103 35 63
			Morse, Winifred E	87 22 73
			Nelson, Eda M	107 27 97

*Pettit, Annie M	78	26 98
Phinney, Hettie J	107	27 97
Porter, A Maud	107	27 97
Rice, Addie A	107	27 97
Roney, Kittie C	94	24 56
Roop, Carrie M	102	26 66
*Rowter, Emily A	107	37 02
*Sabean, Alma A	107	37 02
Sproule, Abbie V	105	27 44
Thompson, Susie M	108	28 23
*Wilson, Erna M	106	36 66
Withers, Lena M	107	27 97
*Woodland, Fannie A	77	26 65
*Wright, Ethel L	107	37 02

ANTIGONISH.

Gillis, Dougald C	84	\$65 85
Thompson, Alex	91	83 23
Tompkins, J J	86	67 41
Boyd, Angus J	107	55 94
Cameron, Laurie J	15	7 83
Creelman, Minnie	107	55 94
Gillis, Angus	107	55 94
MacDougall, Marg F	107	55 94
McKenzie, D J	107	55 94
McLean, William	107	55 94
Newcomb, Laura A	107	55 94
Sister St Leonard	107	55 94
Sister St Mary	107	55 94
Sister Mary Ann	107	55 94
Sister M. Victoire	107	55 94
Swaine, J M	107	97 90
Barry, Henry	83	32 54
Boyd, A A	107	41 95
Cameron, W D	107	41 95
Chisholm, Christina A	107	41 95
Chisholm, Mary Ann	105	41 17
Chisholm, Dan M	105	41 17
Chisholm, Cassie	107	41 95
Grant, Catherine	107	41 95
Higgs, Evelyln	105	41 17
Kennedy, Alex A	107	41 95
Kennedy, Janie S	107	41 95
Landry, Mary E	107	41 95
Landry, Rosemary	107	41 95
Macdonald, Marcella T	107	41 95
Macdonald, Mary J	105	41 56
Macdonald, Angus G	107	41 95
MacEachern, Ethel	107	41 95
McGillivray, Allena M	105	41 17
McKinnon, Margaret	77	30 18
McKinnon, M Maud	89	34 89
McKenzie, Gertrude	107	41 95
McLean, Maggie	107	41 95
McNeil, Florence	107	41 95
McPherson, John A	107	41 95
Mitchell, Jean	76	29 79
O'Brien, Angela	107	41 95
Rogers, Wm J	107	41 95
Sister M Phillipa	107	41 95
Sister St Camillus	107	41 95
Stewart, Cecelia M	107	41 95
Walsh, Mary	107	41 95
Boyd, Margaret	107	27 97
*Boyle, James	107	87 29
Bray, Patrick	107	27 97

*Chisholm, Mary A	107	37 29
Chisholm, Bessie C	107	27 97
Chisholm, Catherine	107	27 97
*Chisholm, William J	107	37 29
Deslauriers, Cath J	107	27 97
Gillis, Sarah I	107	27 97
*Johnson, Lizzie M	107	37 29
Martin Ellen	107	27 97
Macdonald, Annie J	90	23 52
Macdonald, Cath J	107	27 97
Macdonald, Penelope	107	27 97
*Macdonald, Joseph L	104	36 25
Macdonald, Bella	107	27 97
Macdonald, John A	107	27 97
*Macdonald, Annie	105	36 59
*Macdonald, Mary E	107	37 29
Macdonald, Donald	105	27 44
McEachern, John	63	16 46
McFarlane, Alex	107	27 97
McGillivray, Angus	107	27 97
McGillivray, John D	107	37 29
*McGillivray, Maggie	107	27 44
McGillivray, Marcella	105	29 97
McGregor, Minnie	107	27 97
McKeough, Minnie I	107	27 97
McKeough, Annie	107	27 97
McKinnon, Dougald	107	27 97
McKinnon, Mary A	107	37 29
*McLean, Daniel L	107	27 97
McNeil, Maggie A	107	27 97
McPherson, Katie A	107	27 97
Sister St Helen	107	27 97
Smith, Mary	107	37 29
*Stewart, Laura J	107	27 29
Wall, Gorman	107	27 29

ASSISTANTS.

Macdougall, R H	85	29 62
Macdonald, Allen	81	21 17
McKinnon, Andrew	77	18 41

CAPE BRETON.

Brodie, Wm S	107	\$87 90
Creelman, Wm A	104	95 13
Crombie, Isaac	106	96 95
De Wolfe, Lorán A	104	81 54
England, Harry E	104	67 95
do. last term	104	13 75
Logan, Bessie M	107	69 92
McIntosh, D S	107	83 91
Oliver, C W	107	55 94
Stewart, Frank I	107	97 90
Thomas, Louise	107	10 92
Boyd, David D	107	55 94
Bruce, Chas J	107	97 90
Campbell, Jean E	107	55 94
Carter, Peter	106	55 41
Edgecombe, Ethel I.	107	55 94
Gillis, Simon P	102	53 23
Gillis, Maude	107	55 94
Grant, Lina	107	55 94
Hanway, Jas A	106	55 41
Macarthur, Bessie I	101	52 50
McDougall, John	107	55 94
Macintosh, Anna B	106	55 41
McKenzie, Kate A	107	55 94

McKenzie, Janie	62	32 40	Robinson, Hattie L	104	40 78
MacKinnon, Sarah A	64	33 45	Scott, Nellie F	107	41 95
MacLellan, Alexes	101	52 80	Shields, Ella G	101	39 60
MacLeod, Mary E	107	55 94	Simpson, Margt J	103	40 39
McMaster, Annie J	107	55 94	Sr St Genevieve	107	41 95
Matheson, Dunc. M	107	55 94	“ “ Ethelrude	107	41 95
Partridge, Eleanor F	106	55 41	“ “ Maria Concepta	107	41 95
Patterson, H S	103	53 85	“ “ Mary Josephine	107	41 95
Roper, Hattie L	107	55 94	“ “ Annina	107	41 95
Sr St Margaret	107	55 94	“ “ Agnes	107	41 95
Sr M Amabilis	107	55 94	“ “ Angelorum	107	41 95
Sr M Josita	107	55 94	“ “ Vincentine	107	41 95
Sr M Aquinas	105	54 89	“ “ Eulalia	107	41 95
Sr Frs. Xavier	107	55 94	“ “ Dionysia	107	41 95
Thompson, Margt	107	55 94	“ “ Teresa Joseph	107	41 95
Watson, Margt J	104	54 37	“ “ Baptista Maria	105	41 17
Woodill, A W	107	55 94	“ “ Mary Anthony	105	41 17
Barrington, Harriet H	107	41 95	“ “ Ambrose	105	41 17
Bowin, Eleanor F	104	40 78	“ “ Veronica	105	41 17
Carmichael, Annie	107	41 95	“ “ Wilfrid	105	41 17
Coady, Peter W	107	41 95	“ “ Mary Louise	107	41 95
Crombie, Minnie A	107	41 95	Sutherland, Mary A	107	41 95
Crosby, Emma	107	41 95	Willett, Joseph	107	41 95
Currie, Eva E	107	41 95	Allen, Mary	102	26 66
Currie, D J	93	36 46	Bannerman, Elspeth	106	27 70
Currie, M D	51	19 99	Coady, Ellen J.	107	27 97
DeVoe, Mary A	102	40 00	Coady, Moses J.	107	27 97
Downing, Fanny M	107	41 95	Carmichael, Jessie	107	27 97
Finlayson, Dunc. K	82	32 14	Davidson, John	96	25 08
Fletcher, George A	43	16 86	Dillon, Agnes W.	107	27 97
Fulton, Lottie M	106	41 56	Downing, L. Minnie	107	27 97
Gates, Gertrude M	107	41 95	Fenton, Libbie A.	106	27 70
Giovannetti, Loretto	107	41 95	Fraser, Josephine	107	27 97
Hanrahan, Mary	106	41 56	Gillis, Mary B.	107	27 97
Harrington, Annie E	106	41 56	Gillis, Hugh R.	99	25 87
Harris, Gladys E	107	41 95	Graham, Maggie M	107	27 97
Hillier, Ida	107	41 95	Kell, Margaret	107	27 97
Holmes, Katie M	107	41 95	Macadam, Dan A	107	27 97
Kelley, Amy R	107	41 95	Macaulay, Christie	107	27 97
Macaulay, Jean C	107	41 95	McDonald, Joanna	107	27 97
Macdonald, Mary C	105	41 17	McDonald, Mary C	107	27 97
Macdonald, Catherine	107	41 95	McDonald, Isabelle	95	24 82
McDonald, Flora	107	41 95	McDonald, John	142	37 31
MacKay, Nellie J	107	41 95	McDougall, Duncan	87	22 73
MacKeigan, J A	107	41 95	McGillvray, Angus J	79	20 64
McKenzie, Hu. A	107	41 55	McGillvray, Lenora	107	27 97
McKenzie, Archie J	102	40 00	McIntyre, John	106	27 70
MacKinnon, Katie	106	41 56	McIsaac, Dan J	105	27 44
MacLennan, Mary E	107	41 95	McKenzie, Jas A	105	27 44
McLeod, Kenneth	107	41 95	McKenzie, Catherine	105	27 44
MacLeod, Margt J	107	41 95	McKenzie, Ronald	91	23 78
McLeod, Elizabeth H	104	40 78	do. last term		1 06
MacNeil, Katie	107	41 95	MacKinnon, Mary A	107	27 97
Macneil, Alexander	107	41 95	McKinnon, Minnie	107	27 97
Macneil, Maria A	107	41 95	McKinnon, Annie	97	25 34
MacVicar, Edith J	107	41 95	McLean, Annie	107	27 97
Martin, John J	107	41 95	McLellan, Mary A	107	27 97
Morrison, Adelaide S	107	41 95	McLennan, Hannah	107	27 97
Morrison, Maggie	105	41 17	McMillan, Fannie	103	26 92
Muggah, Margaret	105	41 17	MacNeil, Katie J	107	27 97
Nicholson, John H	107	41 95	MacNeil, M Margaret	107	27 97
O'Brien, Rufus B	107	41 95	McNeil, Annie	107	27 97
O'Connell, Annie	106	41 56	MacVicar, Bessie	105	27 44
Osmond, B M	106	41 56	Martell, Ada B	105	27 44
Philpott, Mary	107	41 95	Matheson, Anselm I	107	27 97
Phoran, Alice	104	40 78	Moreash, Belle	99	25 87
Plant, Thomas W	107	41 95	Munro, Martha	107	27 97
Putnam, Ethel	107	41 95	Nickerson, Margaret		

O'Hanly, Joanna	107	27 97
Orniston, Mary E	100	26 14
Ratchford, Winnie	107	27 97
Sister St Ann	107	27 97
Sister St Mary	107	27 97
Sister St Marie	107	27 97
Sister St Marcella	107	27 97
Sister St Gregory	107	27 97
Sister M Imelda	107	27 97
Sister M Rose	107	27 97
Sister Lucilla	107	27 97
Spencer, Eva J	99	25 87
Stacey, Margaret L	107	27 97
Wallace, Jeanie	107	27 97
Weaver, Winnie	103	26 92
Williams, Selena	107	27 97
*Boyd, Mary W	107	37 29
Boyd, Mary W, last term		9 07
*Farrell, Hugh	50	17 43
*Gillis, Mary M	107	37 29
*MacDonald, Maggie M	107	37 29
*MacDonald, Elizabeth S	96	33 46
*McInnis, Eliza M	107	37 29
*McInnis, Margaret	107	37 29
*McNeil, James	107	37 29
*Steele, Florence	106	36 94

ASSISTANT.

Cecilia A McLeod	104	27 18
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COLCHESTER.

SOUTH.

Best, Lillian	107	83 91
Campbell, W R	107	97 90
Hemmeon, M D	107	83 91
Little, James	107	83 91
Moxon, Arthur	106	69 25
Patterson, Grace	106	69 25
Richardson, Lophemia	107	83 91
Barteaux, J E	107	83 91
Bishop, Ida M	106	55 41
Boal, Evelyn J	106	55 41
Burris, Grace D	99	51 75
Crowe, Winnifred	106	55 41
Coleman, Edna F	106	55 41
Dickson, Jessie B	107	55 94
Dickson, Hattie	106	55 41
Davidson, Clara E	106	55 41
Edwards, Elizabeth	106	55 41
Kinney, Julia	106	55 41
Loring, Eva M	107	55 94
Logan, Margaret	106	55 41
MacPherson, Margaret	106	55 41
MacInnis, Lenora	106	55 41
McCallum, Myrtle D	53	27 71
MacKenzie, Georgia A	107	55 94
Moore, Clara M	107	55 94
Mosher, Edna	107	55 94
McWilliam, Janie	107	55 94
Murphy, Blanche E	106	55 41
O'Brien, Laura M	107	55 94
Sedgewick, Geo H	107	55 94
Terhune, Lily M	105	54 89
Archibald, Janet	106	41 56
Archibald, Ella S	107	41 95

Archibald, Minnie	107	41 95
Bates, Stella	87	34 10
Brown, Emma M	107	41 95
Banks, Mary E	107	41 95
Crowe, Zella	106	41 56
Cook, Clara C	105	41 17
Cox, Jeanette	107	41 95
Dewis, Margaret	107	41 95
Douglas, Jeanette	67	26 26
Fisher, Edna M	107	41 95
Gordon, Sadie J	107	41 95
Grant, Helen	107	41 95
Goodwin, Margaret	107	41 95
Gammell, Lillian	107	41 95
Gammell, Janet	107	41 95
Henley, Theresa	107	41 95
Lindsay, Lizzie B	53	20 78
Logan, Sadie B	107	41 95
Logan, Hannah C	107	41 95
McLeod, M Jean	106	41 56
McCurdy, Harriet	107	41 95
Nelson, Alice M	107	41 95
Purdy, Janie M	107	41 95
Prescott, Alice	62	24 30
Patterson, S B	106	41 56
Ross, Lottie L	53	20 78
Smith, Helen	107	41 95
Taylor, Alna F	51	19 99
*Benvie, Rettie L	104	36 25
Bell, Marie J	107	27 97
*Colter, Susan E	107	37 29
Clarke, Janet G	64	16 72
Dickey, Jessie	107	27 97
*English, Annetta B	107	37 29
*Fulton, Harriet	107	37 29
Fulton, Elora	107	27 97
*Ferguson, Jessie C	67	23 35
Hamilton, Kate A	106	27 70
*Kennedy, Mary M	100	34 85
Logan, Gertrude	107	27 97
Lynde, Adelaide	64	16 72
Lightbody, Susie E	107	27 97
*McKim, Tena M	88	30 67
Murray, Martha B	106	27 70
*McCallum, Christina	102	36 55
McLeod, Gertie B	103	26 92
*Rutherford, Ida M	107	87 29
Roode, Lizzie J	107	27 97
Rines, Alice R	92	21 04
Sibley, Hattie M	107	27 97
Sutherland, Tena	95	24 82
Sutherland, Frances G	38	9 92
*Sutherland, Janet C	66	23 00

STIRLING.

McInnis, A D	107	\$55 94
Barclay, W C	107	41 95
Cameron, Annie	107	41 95
Cunningham, Nellie	107	41 95
Fraser, Alice	104	40 78
Menzie, Harry	107	41 95
McEachren, Maggie	107	41 95
McKay, Marion	107	41 95
McKay, Jessie C	80	31 36
Murray, Elizabeth	106	41 56
Nelson, Nancy	106	41 56
Taylor, Arabella	107	41 95
Baillie, Christina	107	27 97

Cameron, Laura	107	27 97
Feigson, Jane	107	27 97
*Forbes, Gertrude	107	37 29
Heughen, Maggie	58	15 15
Malcolm, Myra	106	27 70
*Matheson, Annie	106	36 94
McConnell, Margaret	107	27 97
McKay, Margaret	103	26 92
McLanders, Elizabeth	106½	27 83
McLeod, Tena	86	22 47
McLeod, Jessie W	107	27 97
*McLeod, Maggie	107	37 29
Reid, Annie M	107	27 97
Ross, Jessie	107	27 97
Smith, Ina	107	27 97
Sutherland, Bessie	38	9 92
Swan, Amelia	106	27 70
Urquhart, Martha	107	27 97

WEST.

Lawlor, Gertrude	107	\$69 92
McBain, A R	107	69 92
Barrows, Lizzie	107	55 94
Creelman, Amelia	107	55 94
Denton, K C	107	55 94
Ellis, Jennie	107	55 94
Fulton, A Maude	107	55 94
Jenke, Winnifred	107	55 94
Lanner, Ida	107	55 94
Lank, Annie	107	55 94
Spencer, Agnes	107	55 94
Beattie, Clara	107	41 92
Blair, Maggie	105	41 17
Davison, Edna	107	41 95
Davison, Emma	107	41 95
Dalrymple, Lucy	107	41 95
Fulton, Susie	107	41 95
Johnson, Alena	107	41 95
Hamilton, Annie	107	41 95
Kirkpatrick, Ina	107	41 95
Lightbody, Annie	75	29 40
Lyons, Nelie	97	38 03
McCully, Eva	107	41 95
Smith, Emma	107	41 95
Tait, Lillian	107	41 95
Taylor, Edith	107	41 95
Thompson, Alice	105	41 17
Ward, Cora	107	41 95
Craig, Violet	106	41 56
Fraser, Susie	107	27 97
Fulton, Marion	107	27 97
Hatfield, Mabel	106	27 70
Lewis, Aggie	106	27 70
*McLaughlan, Ethel	105	27 44
Robertson, Susie	104	36 25
Soley, Rena	107	27 97
Tinkham, Jessie	78	20 38
Urquhart, Jennie	106	27 70
Vance, Ruby	107	27 97
	104	27 18

CUMBERLAND.

Benzie, R M	107	\$83 91
Lay, E J	103	94 22
McNealy, Murray	107	97 90
McTavish, N D	107	83 91

Anderson, Pearl	107	55 94
Archibald, Susie	107	55 94
Aymer, W M	107	97 90
Ballantyne, Janet	107	55 94
Barnes, Lilah	107	55 94
Baxter, Agnes	107	55 94
Black, Sadie	107	55 94
Brown, Edith	107	55 94
Chipman, Geo	107	55 94
Currie, Kathleen	106	55 41
Currie, Blanche	45	23 52
Cooper, Ina	107	55 94
DeLancy, J A	107	97 90
Eaton, Isabel	107	55 94
Elliott, Jane	107	55 94
Hunter, Margaret	107	55 94
Lay, Lucy W	107	55 94
Love, Rachel P	107	55 94
Mack, R T	107	55 94
McCart, Agnes	107	55 94
McKay, Anna	107	55 94
McKinnon, Alice	107	55 94
McPherson, Minnie	107	55 94
McDowell, Mabel	107	55 94
Miller, Flora	107	55 94
Mitchell, Martha	107	55 94
Morse, Flora	107	55 94
Patton, Alberta	101½	58 06
Pugh, Ethel	107	55 94
Purdy, Bertha	107	55 94
Reid, Mina	107	55 94
Ross, A D	106	55 41
Shaw, Vangie	107	55 94
Slade, W R	107	55 94
Snook, Minnie	107	55 94
Spencer, Mary	105	54 86
Stephens, Emma	107	55 94
Urquhart, Alex	107	55 94
Anderson, Lucy	107	41 95
Archibald, Josie	106	41 56
Atkinson, Janie	107	41 95
Baird, Sara	107	41 95
Baird, Edna	107	41 95
Barnhill, Ida	107	41 95
Beattie, Laura	107	41 95
Baker, Carrie	107	41 95
Baxter, Alice	93	36 46
Bigney, Mabel	43	16 86
Bowser, Lizzie	107	41 95
Bryden, Margaret	106	41 56
Burke, Nettie	97	38 03
Burke, Annie	107	41 95
Caldwell, Elsie	107	41 95
Carter, Ida	107	41 95
Charman, Eliza	107	41 95
Coates, Clara	107	41 95
Corbett, Lena	107	41 95
Creelman, Jean	107	41 95
Davison, Stella	107	41 95
Downey, Margaret	107	41 95
Elliott, J H	62	24 30
Embree, Sara	107	41 95
Fisher, Susie	107	41 95
Fraser, Margaret	106½	41 76
Gould, Alberta	107	41 95
Grant, Margaret	107	41 95
Harrison, Emma	107	41 95
Henderson, Clarence	107	41 95

Hunter, Gussie	107	41 95
Hunter, Lillian	107	41 95
Kerr, Minnie	81	31 75
Lanner, Margaret	107	41 95
Layton, Mary	90	35 29
Lockhart, Laura	103	40 39
Logan Lou Ella	107	41 95
McDonald, Donald	35	13 72
McElmon, Rena	106	41 56
McIntosh, Elsie	107	41 95
McKenzie, Elizabeth	107	41 95
McKinlay, Oressa	103	40 39
McLean, Viola	104½	40 98
McLeod, Georgina	63	24 70
McLeod, Lillais	107	41 95
McNab, Elizabeth	107	41 95
McPhee, Lizzie	107	41 95
Moore, Lizzie	20	7 84
Oulton, Lizzie	107	41 95
Oxley, Lydia	105	41 17
Oxley, Priscilla	107	41 95
Patterson, Sara	107	41 95
Patton, Weldon	107	41 95
Purdy, Annie	107	41 95
Redmond, Annie	107	41 95
Robb, Sadie	107	41 95
Robertson, Gertrude	107	41 95
Ross, Katherine	107	41 95
Sampson, Susie	107	41 95
Slade, Hattie	107	41 95
Spencer, Louise	107	41 95
Sproul, Mabel	107	41 95
Stuart, Catherine	107	41 95
Thompson, Etta	65	25 48
Trenholm, Ruth	107	41 95
Vance, Stiles	96	37 64
Webb, Laura	103	40 39
*Ballantyne, Susan	107	37 29
Barnes, Nettie	102	26 66
Barnes, Carrie	107	27 97
Bigney, Blanche	107	27 97
Borden, Minnie	107	27 97
Brander, Edith	107	27 97
*Brenton, Maud	103	35 90
Brown, Ethel	107	27 97
Brown, Eben	11	2 87
Buchanan, Letitia	14	3 65
*Burke, Nettie	10	3 48
Carter, Florence	107	27 97
Chapman, Margaret	107	27 97
Chisholm, Ida	106	27 70
*Chisholm, Cynthia	102	35 55
Colburne, Nellie	107	27 97
Caulter, Christina	107	27 97
*Creelman, Maud	107	37 29
Cummings, Ethel	107	27 97
*Davison, Bertha	77	26 84
Denob, Susie	107	27 97
Dixon, Annie	106	27 70
*Dixon, Elva	102	35 55
Dobson, Wm	105½	27 57
Douglas, Cynthia	107	27 97
Elliott, Ida	107	27 97
Finlay, Janie	102	26 66
Fulton, Minnie	105	27 44
Goodwin, Oscar	106	27 70
Goodwin, Burton	104	27 18
Grant, Annie	107	27 97

Henderson, Minnie	68	17 76
Henderson, Emma	104	27 44
Hunter, Jean	105	27 97
Hurd, Clara	107	37 29
*Johnson, Linda	107	37 29
*Johnson, Ida	107	27 97
King, Ida	107	27 97
Lavers, Winnifred	107	27 70
McEachern Jane	106	27 97
McInnis, Estellia	107	27 97
McKenzie, Margaret	107	12 53
McKim, Josie	47	16 46
McLeod, Jessie	63	27 97
Murray, Ella	107	27 97
O'Brien, Mattie	107	27 97
Oulton, John	107	27 83
Oxley, Annie	106½	27 44
Patterson, Marlin	105	24 30
Porteus, Annie	93	30 67
*Salter, Flossie	88	25 87
Shipley, Laura	99	27 97
Siddall, Annie	107	27 83
Skinner, Kate	106½	27 70
Sulis, Bessie	106	27 97
Swan, Sadie	107	37 29
*Thompson, Jennie	107	27 97
Totton, Bertha	107	22 99
Trerice, Ruth	88	27 97
Tufts, Bella	107	27 97
Wheaton, Emma	107	27 97
Weir, Minnie	107	25 45
*Wood, Sadie	73	

PARRSBORO.

Magee, W H	107	97 90
McAleese, Jennie	107	83 91
Angus, Edgar I	101½	53 06
Carter, Fred	106	55 41
Coffin, Sophia	107	55 94
Kirkpatrick, Lizzie	107	55 94
Knight, Mark	107	55 94
Leitch, Holly	107	53 85
McNeil, Bessie	103	55 94
O'Mullon, Mary	107	55 41
Willitson, Janie	106	25 29
Barrett, Louise	64½	41 95
Cameron, Bertha	107	41 56
Dickenson, Maude	106	41 95
Fulmore, Della	107	37 64
Knowlton, Edith	96	41 95
Lindsay, Cora	107	40 00
McNutt, Lizzie	102	41 95
Murphy, Alice	107	36 46
Murray, Georgie	93	41 95
Pierce, Celeste	107	41 95
Rand, William L	107	41 95
Reid, Eudavilla	107	41 95
Smith, Mamie	107	36 86
Spicer, H J	94	41 95
Spicer, Mabel	107	41 95
Sproule, Hester	107	41 95
Soley, Elva P	107	41 95
Watton, Ethel	107	27 44
Boomer, Ethel	105	27 97
Lynch, Emma	107	27 70
McLeod, Sara	106	37 97
Reid, Antionette	107	36 94
Robinson, Alice	106	



Slater, Sadie	107	27 97
Smith, Ellie	107	27 97
Smith, Dora	106	36 94
Smith, Flora	105	27 44
Wasson, Alfreeta	105	36 59

DIGBY.

Amirault, Rev A F	107	\$97 90
Smeltzer, Harold A	48	43 85
Alexius, Sister M	107	55 94
Armstrong, A H	107	55 94
Bancroft, Geo R	107	55 94
Banks, Wilford E	107	55 94
Berry, L Ruperta	107	55 94
Best, Emma J	100	78 42
Bond, Mary G	106	55 41
Comeau, J Adolphe	107	55 94
Cossett, Otto V B	107	55 94
D'Entremont Louis A	106	55 41
Elliot, S E Primrose	107	55 94
Harlow, Arthur C	107	55 94
Hogg, Nathaniel W	52	27 18
Hunt, May D	107	55 94
LeBlanc, Edward M	107	55 94
Messinger, Wm S	107	55 94
Morse, Egbert P	107	55 94
Mortimer, J Wallace	107	55 94
Mullen, Alva E	107	55 94
Pothier, Andre G	107	55 94
Vroon, Carrie E	107	55 94
Wade, Louisa M	7	3 65
Adams, J Alvery	107	41 95
Belliveau, Grace M	104	40 78
Bent, Minnie S	107	41 95
Best, Bessie M	58	22 74
Bogart, Clara C	107	41 95
Clark, J Allison	107	41 95
Comeau, Geo P	107	41 95
Cornwell, Janet M	106	41 56
Cowan, Janet A	105	41 17
Cowan, Mary C	107	41 95
Crowell, Mabel M	107	41 95
Denton, Lanra B	107	41 95
Eugenie, Sister M	107	41 95
Gaudet, Evangeline	107	41 95
Goodwin, Emma M	104½	40 98
Hattie, Louise J	106	41 56
Hicks, Blanche G	107	41 95
Inglis, Carrie E	102	40 00
John, Sister M	• 107	41 95
Marshall, Jessie G	107	41 95
Modesta, Sister M	107	41 95
Mussels, Maud A	106	41 56
Rumsey, Clara I	107	41 95
Sanders, Arthur W	83	32 54
Stanislaus, Sister R	107	41 95
Thibodeau, Rose Ann	107	41 95
Timpany, Mary Rose	107	41 95
Turnbull, Lizzie B	107	41 95
Walsh, Grace B	108	42 34
Walsh, Janet L	107	41 95
Williams, Mary L	107	41 95
Amirault, Clara B	108	28 10
Belliveau, Edward M	107	27 97
Belliveau, Leah	107	27 97
Belliveau, Leonice	107	27 97

*Brooks, Edith A	107	37 29
Campbell, Effie A	107	27 97
Comeau, Adeline	107	27 97
Comeau, Chas B	109	28 49
Comeau, J Albert	107	27 97
*Cossaboom, Isabelle	106	36 94
*Cossaboom Mamie L	107	37 29
*Decker, Mary E	106½	37 11
Denton, E May	107	27 97
Deveau, Ann Lea	107	27 97
Deveau, Louise	107	27 97
Doucet, Nellie	107	27 97
Dugas, Francoise	107	27 97
*Durland, Bessie R	104	36 25
Gaudet, Beatrice	93	24 30
Gehue, Loretta	107	27 97
Graham, Laura M	106	27 70
Haines, Eva E	107	27 97
Harris, Margaret M	107	27 97
*Hill, Dorcas A	63	21 95
*Hines, Bertha M	108	37 63
Johnson, Ethel B	104	27 18
*Lambertson, Nora M	107	37 29
Leary, Annie E	107	27 97
LeBlanc, Symphorien	107	27 97
Loneragan, Margaret M	107	27 97
Lucina, Sister M	107	27 97
McGregor, Josephine P	106	27 70
Melancon, Thos	107	27 97
*Messinger, Pearl F	107	37 29
*Morehouse, Edna R	107	37 29
Mullen, Tracey H	105	27 44
Parker, Lillie C	107	27 97
*Perry, Lydee S	107	37 29
Porter, Kate L	105½	27 57
Prince, Lenetta	107	27 97
*Robichau, Isabelle	78	27 19
Robichau, Loretta	99	25 87
Robichau, Mary A	107	27 97
Smallie, Mary	107	27 97
Specht, Ella E	107	27 97
Taylor, Sophia M	107	27 97
Theriault, Adele	107	27 97
Titus, Chas G	105	27 44
Thurber, Bessie G	107	27 97
Welch, Fannie A	107	27 97
Whitman, Lizzie M	105	27 44
Wilson, Attie M	107	27 97
Wormell, Sarah D	107	27 97
*Adams, Lennie	107	37 29

ASSISTANTS.

Ursula, Sister	107	27 97
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GUYSBORO.

Chisholm, Emma K	107	55 94
McLeod, D F	107	97 90
Richards, T R	107	97 90
Bruce, Wm M	107	97 90
Crowe, Margaret	107	55 94
Giffin, Annie H	107	55 94
Grant, Mabel L	107	55 94
James, Beryl G	107	55 94
Johnson, Harriet	103	53 85
Wheaton, Effie L	107	41 95
Bruce, Sarah J	107	41 95
Cameron, Thomas G	107	41 95

Cameron, Edith	107	41 95
Dakin, Cora V	103	40 39
Dickson, Margaret	107	41 95
Dillon, Eva	106	41 56
Doyle, Cecelia J	102	40 00
Fraser, Cassie	107	41 95
Kinney, Ella C	107	41 95
Macaulay, Esther	107	41 95
Mattatall, Daisy	107	41 95
McIntosh, Jessie	107	41 95
McGillivray, Amelia	107	41 95
McNaughton, D P	107	41 95
McPherson, Alex	107	41 95
Osborne, Melissa A	107	41 95
Patterson, Edith C	107	41 95
Sullivan, Charles	107	41 95
Walsh, Helen	107	41 95
Barrigan, Louisa A	103	26 92
Blair, Caroline	107	27 97
Bowie, Blanche	107	27 97
*Boyle, Katie A	107	37 29
*Brown, Mabel	107	37 29
Brundage, Ethel	99	25 87
Cousins, Leah M	105	27 44
Carroll, Mary A N	107	27 97
Corrigan, Wilhelmina	107	27 97
Cooke, Ethel A	107	27 97
*Dooley, Mary E	107	37 29
Durkee, Viola W	107	27 97
Fitzgerald, Annie	107	27 97
*Grant, Jennetta M	107	37 29
*Green, Elizabeth	107	37 29
Hannifen, Maggie	107	27 97
*Howard, Sadie	107	37 29
Jameson, Bessie G	107	27 97
Keating, Francis M	106	27 70
Kelly, Mamie	107	27 97
Langley, Harriet E	107	27 97
Macdonald, Hugh J	107	27 97
Macdonald, Catherine	107	27 97
Macdonald, Mercella	103	26 92
*Macdonald, Martha	107	37 29
Myers, Sarah	107	27 97
Morgan, Esther M	107	27 97
O'Hara, Alice	105	27 44
Parks, Mary E	93	24 30
*Ross, Annie G	107	37 29
Ross, E May	107	27 97
Sinclair, Jennie B	107	27 97
*Sullivan, James	98	34 16
Sutherland, Marie E	107	27 97
Sutherland, Ellen B	98	25 60
*Taylor, Anne	106	36 94
Wells, Wm A	107	27 97
Wells, Johanna	107	27 97

ST. MARY.

Fraser, A W	107	\$55 94
Fraser, M Louise	107	55 94
Harding, Henry F	36	18 81
Kinlay, Thomas J	107	55 94
Archibald, John T	107	41 95
Cameron, Christie	107	41 95
Hattie, James B	107	41 95
Johnson, Josie S	107	41 95
Kinlay, Mary T	107	41 95
Macdonald, Effie G	106	41 56
McLean, Annie	107	41 95

Pye, Hannah	104	40 79
Sutherland, Minnie	80	31 36
Smith, Etna O	35	13 72
Suttis, Laura	107	41 95
Corneally, Lottie G	107	27 97
Hattie, John D	102	26 66
*Hartling, Nettie J	107	37 29
Hattie, Edith	63	16 46
*Hines, Laura	107	37 29
*McIntosh, Sophia M	107	37 29
*McMillan, Adam D	38	13 24
Macdonald, Blanche	107	27 97
Purcell, Marg L	106	27 70
Redmond, Rosalinda	107	27 97

HALIFAX.

COUNTY.

Miller, G J	106	97 90
Kennedy, Eliz	106	69 92
McKay, Mary A	107	69 92
McKay, Katie W	106	69 92
Allen, Christina	106	55 94
Bell, Mary F	106	55 94
Boak, Lillie M	107	55 94
Brennan, D S	107	23 00
Burriss, Estella	44	55 94
Creelman, Laura	107	55 94
Crimp, Laura	107	55 94
Davis, Hattie F	101	52 80
Fanning, Maud	107	55 94
Fultz, Emily	107	55 94
Gay, Mabel L	107	55 94
Gould, Annie S	107	55 15
Hazle, Edith M	105½	55 94
Henry, Ella K	107	12 02
Hill, O D	23	55 94
Louis, Sister M	107	55 94
Miller, Florence	106	55 94
Mills, Hattie I	106½	55 67
Moody, Grace	106	55 94
Moore, Janet	107	55 94
Moseley, Ethel	106	54 89
Pennington, Marg	105	55 94
Phelan, Florence	107	55 94
Ross, Ellen D	106	55 94
Thomas, Alice	106	55 94
Thompson, Mary I	107	55 67
Woolrich, Mary E	106½	41 95
Allen, Eliz G	106	41 95
Annand, Alice	107	32 54
Annand, Egbert	83	21 66
Annand, Maggie	55	41 95
Archibald, Carrie	107	41 95
Baker, Gertrude	107	41 95
Balcom, Mabel	107	41 95
Borne, Louise	107	41 95
Browne, Laurie	107	17 25
Brunt, Howard D	44	41 56
Bruce, Harriet	106	41 56
Brunt, Blanche	106	41 95
Clark, Ina J	107	41 95
Coleman, Hannah E	107	41 95
Conrad, Ethel M	107	41 45
Cooke, Mary L	107	41 95
Corkum, Ethel	107	41 95
Cox, Jane R	107	41 95

Cox, Fred A	106	41 56	Dean, Bertha	107	27 97
Currie, Minnie	106	41 95	Dickie, Bessie	97	25 34
Ervin, Mary	105	41 17	*Dickie, Maud	74	25 79
Evans, Laura	107	41 95	*Drake, Lydia	107	37 29
Fisher, Ethel	107	41 95	*DeWolfe, Alfred	107	37 29
Fraser, Wiunnie	107	41 95	Dumbrack, Mary	104	27 18
Fultz, Antoinette	89	34 89	Erskine, Carrie	107	27 97
Hamilton, Mary A	104	41 17	Ferguson, Sidney	67	17 50
Hart, Mary E	107	41 95	Fraser, G B	105	27 44
Higgins, Arabella	107	41 95	*Fultz, Mary	93	32 42
Henoion, Carrie	107	41 95	*Gallagher, Adelaide	104	36 25
Higgins, Alberta	107	41 95	*Gillis Margaret	106	36 94
Hiltz, Ethel M	106	41 56	Glawson, Maggie	106	27 70
Hume, Bessie	106	41 95	Graham, Louise	107	27 97
Hume, Emma	106	41 95	*Gunn, Ellen	107	37 29
Hutchinson, Lexie	107	41 95	Hall, Mabel	107	27 97
Jackson, Eleanor	107	41 95	Hartling, Ella	107	27 97
Jordan, Mabel	30	11 76	Henry, Ethel	106	27 70
Kennedy, J H	43	16 86	Higgins, Elsie	106	27 70
Knight, Emma	107	41 95	Hume, Sadie	107	27 97
Laidlaw, Eliz	104	41 17	*Jemmott, Fitz	64	22 13
LeBlanc, Jno R	107	41 95	Johnson, Martha	107	27 97
Lewis, Lizzie K	106	41 56	Mitchell, Alice	106	27 97
Lewis, Sarah F	59	23 13	Mitchell, Lucy	107	27 97
Mary, Sister	107	41 95	Mulcahey, Bridget	107	27 97
Maskell, Viola	102	40 00	*McCabe, Grace	102	35 55
McCurdy, Annie	18	7 06	McDonald, Susie	107	27 97
Mackasey, W P	107	41 99	MacGillivray, Mary	107	27 97
McKay, Belle C	106	41 95	McGrath, Beatrice	106	27 70
McKenzie, Christena	106	41 56	McGuire, Annie B	107	27 97
McKenzie, Marg	106	41 95	McHefey, Mary E	107	27 97
Pender, A M	106	41 95	MacKay, Annie	107	27 97
Pennington, Louise	104	40 78	Ogilvie, Estey M	107	27 97
Quigley, Mary E	107	41 95	Peters, Alma	107	27 97
Reitie, Samuel	106½	41 76	Richardson, Florence	107	27 97
Roche, Clara	98	38 43	Ross, Carrie E	107	27 97
Settle, Gertrude	107	41 95	Rose, Lenora	107	27 97
Shute, Jessie	106	41 95	Sibley, Mattie A	107	37 29
Sheehan, Daisy	107	41 95	*Soy, Mary	107	37 29
Sheehan, Margaret	65	25 48	Spinney, Jennie	107	27 97
Smith, Isabella	105	41 17	*Sutherland, Grace	64	22 30
Stronach, Harvey	105	41 17	Tait, Laura	107	27 97
Taylor, Carrie R	107	41 95	*Vanbuskirk, Grace	103	35 90
Tobin, Gertrude	105	41 17	*Walsh, Lizzie	57	19 86
Thomas, Bessie	106	41 95	*Warner, Minnie A	37	12 89
Thornton, Mary	107	41 95	Warner, Mary	107	27 97
Tulloch, Bertha	107	41 95	*Wickwire, Eva M	97	33 81
Turner, Rebecca E	106	41 56			
Walker, B E	83	32 54			
Wickwire, Dwight	102	40 00			
Wier, Amelia	107	41 95			
Widom, Sadie	106	41 95			
Annand, Laura	107	27 97			
Arbuckle, Jessie W	106	36 94			
Beavor, Florence	107	27 97			
*Bell, Janie B	51	17 77			
*Blakeney, Eva M	66	23 00			
Brown, Gertrude	105	27 44			
Barris, Emm3	106	27 70			
Campbell, Mary	107	27 97			
*Carson, Teresa	57	19 86			
*Chambers, Carrie	101	35 20			
Cook, Georgie	107	27 97			
Chisholm, Jessie L	107	27 97			
Corkum, Henrietta	107	27 97			
Crook, Mabel	106	27 70			
Crowe, Carrie F	107	27 97			
Davis, Agnes	106	27 70			

ASSISTANT.

Findlay, Sarah 106 27 97

CITY.

McKay, A 106 97 90  
 Kennedy, W T 102 83 91  
 Morton, S A 102 83 91  
 Mackintosh, K 102 83 91  
 Logan, J W 102 83 91  
 McCarthy, J B 102 55 94  
 Peters, F A 102 55 94  
 Lanos, J 80  
 Hill, K F 42  
 Butler, G K 106 69 92  
 Cummings, E 106 55 94  
 Doherty, D P 106 69 92  
 Evaristus, Sr 106 83 91  
 Marshall, G R 53 41 95  
 O'Hearn, P 106 83 91

Rosaire, Sr	106	69 92	Burbidge, A W	106	41 95
Trefry, J t	106	69 92	Butler, E R	106	41 95
Wood, B J	106	69 92	Catherine, Sr	106	41 95
Allen, E	106	55 94	Christina, Sr	106	28 49
Alonzo, Sr	106	55 94	Clancy, B M	72	41 95
Ambrosia, Sr	106	55 94	Clarke, J W	106	41 95
Anderson, T	106	55 94	Clement, Sr	106	41 95
Berchmans, Sr	106	55 94	Cunningham, E S	106	41 95
Boreham, E M	106	55 94	Curren, E M	106	41 95
Bowden, I M	106	55 94	DePazzi, Sr	106	41 95
Bowden, L J	106	55 94	Delphine, Sr	106	41 95
Brims, M C	106	55 94	DeVine, M E	106	41 95
Brodie, I	106	55 94	DeWolfe, H E	106	41 95
Bruce, Jane	106	55 94	Felix, Sr	106	41 95
Cameron, E	106	55 94	Franz, Sr	106	41 95
Cecilia, Sr	106	55 94	Grierson, F	106	41 95
Conrod, W R	106	55 94	Grierson, M H	106	41 95
Cunningham, A M	106	55 94	Gualbert, Sr	106	41 95
DeChantal, Sr	106	55 94	Hamilton, H H	106	41 95
Delahanty, K	106	55 94	Hartigan, Sr	106	41 95
Dempsey, I B	106	55 94	Haverstock, W E	106	41 95
Dickey, S E	106	55 94	Healy, K E	106	41 95
Dolorita, Sr	106	55 94	James, C A	106	41 95
Dolorosa, Sr	106	55 94	Jamieson, H J	106	41 95
Dwyer, M T	106	55 94	J Baptist, Sr	106	41 95
Ernestine, Sr	106	55 94	Johns, M A	106	41 95
Eucharist, Sr	106	55 94	Johnston, I	106	41 95
Florence, Sr	106	55 94	Joseph, Sr	106	41 95
Flowers, E M	106	55 94	Kierstead, M	106	41 95
Flowers, H L	106	55 94	Kennedy, M C	106	41 95
Fultz, G W	106	55 94	Leo, Sr	106	41 95
Gaul, R E	106	55 94	Leocadia, Sr	106	41 95
Genevieve, Sr	106	55 94	Logan, A M	106	41 95
Gray, A G	106	55 94	Lyll, B H	106	41 95
Hart, Grace	106	55 94	McArthur, J A	106	41 95
Haverstock, A M	34	17 94	McGregor, A	106	41 95
Kelly, J M	106	55 94	Mooney, E	106	41 95
Laracy, A X	106	55 94	Munro, L F	106	41 95
Margaret, Sr	106	55 91	Murray, Mme	106	41 95
Marshall, L E	106	55 94	Murphy, Mme M J	106	41 95
Macdonald, A H	106	55 94	O'Donnell, M E	106	41 95
MacGregor, H	106	55 91	O'Donoghue, M T T	106	41 95
Moody, M H	106	55 94	Perpetua, Sr	106	41 95
Moseley, M H	106	55 94	Putnam, A F	106	41 95
Murphy, Mme H	106	55 94	Raphael, Sr	106	41 95
Phalen, M T	106	55 94	Remigius, Bro	106	41 95
Pius, Sr	106	55 94	Rita, Sr	106	41 95
Rankine, A B	106	55 94	Rockett, M M	106	41 95
Ross, E J	106	55 94	Rodriguez, Sr	106	41 95
Sanders, K O	55	27 97	Stratton, E	106	41 95
Saunders, A C	106	55 94	Sullivan, Mme	106	41 95
Shields, S W	106	55 94	Sullivan, M	106	41 95
Sims, S A	106	55 94	Sullivan, M T	106	41 95
Spencer, E M	106	55 94	Sullivan, M T R	106	41 95
Sutherland, J I	106	55 94	Theakston, S E	106	41 95
Theakston, H S F	106	55 94	Torrey, E C	106	41 95
Tynan, J C	106	55 94	Travis, A A	106	41 95
Wakeley, A C	106	55 94	Vincent, Sr	106	41 95
Walsh, J L	106	55 94	Walsh, A M	106	41 95
Whalen, A	106	55 94	Warner, M F	106	10 26
Wiswell, I M	106	55 94	Wells, C	27	41 95
Ackhurst, M L	103	40 78	Wells, M H	106	41 95
Aloyeins, Brs	106	41 95	Willis, E J	106	13 25
Ancient, F S	106	41 95	Fultz, C L	51	27 91
Bayer, A L	106	41 95	Gossip, C M	106	8 71
Blois, E H	52	20 58	Maxwell, A	33	27 76
Bond, E	106	41 95	Ross, L H	106	19 96
Broadhurst, M E	106	41 95	Sutherland, R	78	

HANTS.

WEST.

Forbes, Antoinette	107	\$62 92
Shields, W S	107	97 90
Smith, John A	107	97 90
Bigney, Annie A	74	38 68
Bigney, Ella	106½	55 67
Brooks, Ethel G	107	55 94
Dunn, Mary H	33	17 25
Gould, Maud M	87	45 47
Harvie, Alice B	107	55 94
Leonard, Susie H	107	55 94
Lynds, Alice Etta	105	54 89
MacKay, Katherine	107	55 94
Miller, Bessie	107	55 94
O'Brien, Katie	107	55 94
Peppard, Ruth R	103	53 85
Starratt, Helen M	107	55 94
Sterling, Annie L	107	55 94
Sanford, Mattie V	107	55 94
Sproule, Minnie	107	55 94
Webster, Leora C	107	55 94
Archibald, R DeW	106	41 56
Bennett, Hanna	59	23 13
Burgoyne, N A	103½	40 59
Campbell, Margaret	107	41 95
Cochran, S Ethel	107	41 95
Crossly, Nellie B	20	7 84
Davison, Geo W	107	41 95
Dimock, Annie	107	41 95
Faulkner, Eunice O'B	107	41 95
Foley, Minnie G W	52½	20 59
Freeman, Allie	107	41 95
Fulton, Jessie	107	41 95
Goudy, Emily F	107	41 95
Johnson, Harriet J	108	42 34
King, L Alberta	106	41 56
Lantz, Carrie F	104	40 78
Lawrence, Lydia	106	41 56
Lynch, Jessie A	107	41 95
McCurdy, Helen	107	41 95
McHarrie, Agnes	107	41 95
Messervey, Ethel M	106½	41 76
Miller, A Blanche	106½	41 76
Reid, Daisy	107	41 95
Salter, Hattie M	107	41 95
Skaling, Jane E	107	41 95
Tupper, Alice	107	41 95
Underwood, Annie	107	41 95
*Barkhouse, Ida	105	36 59
Barteaux, Myrtle E	89	23 26
Denmons, Leila	107	27 97
Dewis, Leela	107	27 97
Dickson, Lulu L	107	27 97
Foley, Ethel May	82	21 43
Hopkins, Florence	104	27 18
Lake, Cora A M	107	27 97
Laws, Lillian F	48	12 53
Marsters, Ethel W	107	27 97
*O'Brien, Janie L	107	37 29
Parker, Alice B	107	27 97
Parker, Lillian B	107	27 97
Boyles, Theresa M	107	27 97
Shipley, Lillie M	107	27 97
*Weathers, Alice E	107	37 29
*West, Annetta R	107	37 29
*Withrow, Jessie W	52	18 12

EAST.

Cox, Nellie E	108	56 46
Crowe, Louise B	107	55 94
Dill, Ethel E	107	55 94
Ellis, Russell	107	55 94
Etter, Margaret	107	55 94
Forbes, Elizabeth J	24	12 54
MacCallum, Mildred	107	55 94
McNutt, Annie M	107½	56 20
McWilliams, Jessie	107	55 94
Porter, Ethel G	107	55 94
Roy, Mary D	107	41 95
Auld, Margaret	63	24 70
Bishop, Hattie L	94	36 86
Blake, Elizabeth A	65	25 48
Canavan, Annie E	107	41 95
Caddell, Maud L	107	41 95
Cook Eva	107	41 95
Dickie, Martha E	107	41 95
Dimock, Clarence L	102	40 00
Dodd, Florence E	107	41 95
Fulmore, Bessie	108	42 34
Grant, Stella	86½	33 91
Harvey, Arabella E	107	41 95
Kierstead, Flossie	104	40 78
Logan, Robert J	107	41 95
MacDonald, Etta	4	1 57
McDougall, Lois A	107	41 95
Nelson, Viva	107	41 95
O'Brien, Mary L	108	42 34
Parker, Mary L	80	31 36
Putnam, Mary D	107	41 95
Reynolds, Edna G	107	41 95
Rines, Maggie L	108	42 34
Roode, Annie H	105	41 17
Sanford, Maggie	107	41 95
Stuart, Charles	53	20 78
Sweet, Annie E	5	1 96
Taylor, Alena E	107	41 95
Wallace, Lulu D	107	41 95
Webber, Annie	107	41 95
Webb, Effie P	10	3 92
Withrow, Mary L	43	16 66
Cameron, Hattie	37	9 66
*Card, Mary E	107	37 29
Campbell, Lena B	107	27 97
*Cottle, Hanna	108	37 63
Corbett, Elva Etta	107	27 97
*Crowell, Maude S	104½	36 42
Dewis, Martha	107	27 97
Ettie A Gordon	98	25 60
Gowe, Verna B	105	27 44
*Hamilton, Mildred	107	37 29
Horne, Lillie A	107	27 97
Horne, May E	107	27 97
*Kavenagh, Cecilia	53	18 47
Macdonald, Christine	107	27 97
MacKay, Annie B	107	27 97
MacKay, Janie E	108	28 10
McLellan, Ethel S	107	27 97
O'Brien, Mabel	107	27 97
Patriquin, M M	86	22 47
Reid, Emma	99	25 87
Sibley, Mary E	87	22 73
*Webb, Myrtle M	105	36 59
Wright, Lilah J	11	2 87
*Mosher, Ruth E	96	33 46

ASSISTANTS.					
Pearsons, Kate E	48	16 72	Batton, Viola M	104	40 78
Rogers, Sadie	107	27 97	Chisholm, Maud	107	41 96
			Chisholm, Jennie	108	41 56
			Doyle, Edith C	85	38 32
			Embree, Luella	107	41 93
			Sr St Prisca	107	41 95
			Sr St Margaret	107	41 95
			McDonnell, Margaret T	107	38 82
			McKay, Margaret	99	41 96
			McDonald, Mary B	107	41 95
			McMillan, Sarah	107	41 95
			McInnes, W C	107	41 56
			McLennan, A J	106	21 17
			McMaster, D B	54	41 17
			McInnes, Duncan	105	10 54
			McDonald, Alex P	27	34 89
			Nicholson, A G	89	27 97
			Boyd, Sarah E	107	26 14
			Campbell, James	100	27 97
			Campbell, Jessie C	107	37 29
			*Campbell, Mary	107	26 14
			Delehanty, Annie	100	27 97
			Forbes, Katie B	107	27 97
			Gillis, Barbara H	107	27 97
			Gillis, James D	107	27 97
			Hart, Gertrude R	107	27 97
			Hawley, Maud	107	27 97
			Laidlaw, Maud S	107	23 52
			Moran, Helen F	90	36 25
			*Martin Jennie	104	27 97
			McDonald, Agnes	107	27 97
			McDonald, Mary J	107	27 97
			McLachlan, Mary A	137	27 97
			McKinnon, Mary	107	27 97
			Sr St John	107	27 97
			McMaster, Katie A	107	37 29
			*McDonnell, Claire J	107	27 97
			McLellan, Annie	107	37 29
			*MacCaskill, Jessie H	107	37 29
			*McQueen, Catherine	107	27 44
			McIntosh, Sadie C	105	27 47
			McIntyre, Catherine J	105	27 18
			McNeil, Mary A	107	27 97
			McLellan, Mary A	104	27 97
			McMaster, Mary B	107	27 97
			McPhail, Cassie M	107	27 97
			McInnes, Jessie M	107	37 29
			*McFarlane, Mary C	107	27 16
			McNeil, Mary I	104	26 66
			McRae, Tena M	102	27 47
			McMillan, Catherine A	107	27 97
			McMillan, Catherine A	107	27 97
			McLennan, Katie B	107	27 97
			McLennan, Flora	107	27 97
			McIver, Tena	107	27 97
			McDaniel, Ida J	107	27 44
			McLeod, Kenena	107	27 44
			McLellan, Maggie A	105	26 66
			McDonnell, Maggie B	102	26 66
			McMillan, Catherine	96	23 26
			McMaster, Mary I	89	12 33
			McEachen, Mary A	48	25 20
			McLean, Gordon V	98	27 97
			McLean, Duncan	107	17 56
			*McMillan, Peter	107	37 29
			*McInnes, Robert J	45	27 97
			McQuarrie, Angus	107	27 97
			McDonald, Allen	107	37 29
			*McDonald, James	107	37 29

## INVERNESS.

## NORTH.

## SOUTH.

McDonald, Stephen A	107	27 97
McLean, Charles A	70	18 29
Rankin, Ronald J	107	27 97
Smith, Cecelia M	102	26 66
Watts, Clara J	100	26 14
Wilmot, Percy C	107	27 97
Walker, Wallace R	107	27 97

KINGS.

Cann, Jeanetta	107	69 92
Farrell, Theresa	107	83 91
Hogg, H B	105	96 04
Alcorn, Emily F	107	56 94
Banks, Amelia	9	4 70
Banks, Stella M	107	55 94
Bigney, Anna L	106	55 41
Bishop, Annie M	104	54 37
Bianchard, Roberta	107	55 94
Borden, Annie B	107	55 94
Bowlby, Minnie F	106	55 41
Burbidge, Josephine	107	56 94
Bustin, Harry L	107	56 94
Caldwell, Myrtle	107	55 94
Chute, Lottie DeW	107	55 94
Comstock, Frank	107	55 94
Congdon, M R	107	55 94
Creelman, Elizabeth	107	55 94
Crowe, Clara A	25	13 07
Fairweather, Ernest	107	55 94
Foote, C Perry	107	55 94
Ford, Robie W	107	55 94
Hamilton, Bessie	107	55 94
Hamilton, Helena	107	55 94
Hilsley, Nellie E	107	55 94
Lee, Brenton H	103	53 85
Looner, Estella J	107	55 94
McDougall, Ethel	15	7 83
McLellan, Mary	107	55 94
Mennie, Grace L	107	55 94
Morse, Carrie A	107	55 94
Osborne, N A	107	55 94
Outhit, W E	52	27 18
Putnam, Clara	74	38 68
Rand, J Adelaide	105	54 89
Spinney, C C	107	55 94
Spinney, Fred H	44	28 23
Stephens, Hattie	107	55 94
Stronge, Gertrude	107	55 94
Webster, Orah	107	55 94
Welton, Jennie	107	55 94
White, Jennie M	107	55 94
Willett, Clara	106	55 41
Yull, Etta J	107	55 94
Baras, W R	107	55 94
Bell, Maie B	106	41 56
Borden, Alice L	107	41 95
Brennan, Maude	107	41 95
Cahill, Cassie L	107	41 95
Caldwell, Winnie B	106	41 56
Carder, A G	82	32 14
Challen, Bessie	107	41 95
Chase, Mellicent S	107	41 95
Cogswell, Addie	4	1 57
Crawford Florence	92	36 07
Crowe, Fannie B	107	41 95
Dorman, Robert	106	41 56
Emeno, Ethel	107	41 95

Fales, Annie B	107	41 95
Franey, Bertha M	107	41 95
Fuller, Alice M	106	41 56
Gammon, Minerva	107	41 95
Hiltz, Flora A	107	41 95
Jordan, Jennie E	107	41 95
Kelly, Minnie A	107	41 95
Kirkpatrick, Bessie	107	41 95
Lamont, Violet M	106 1/2	41 76
Lee, Minnie	107	41 95
Loomer, Gertrude	102	40 00
Loomer, Rene S	107	41 95
MacMahon, Laura	107	41 95
Marchant, Abbie J	107	41 95
Marchant, D Harold	107	41 95
Mosher, Maggie E	107	41 95
Neville, Violet	107	41 95
Nichols, Elva G	105	41 17
Nichols Lola M	107	41 95
Nichols, Naomi E	107	41 95
Palmer, Charlotte	107	41 95
Palmeter, Eloise N	107	41 95
Parker, Ida A	107	41 95
Parker, Maie L	107	41 95
Parker Pruie E	107	41 95
Rathbun, Edna W	107	41 95
Robinson, Clara	107	41 95
Robinson, Mabel L	105	41 17
saunders, Mabel C	105	41 17
Shaw, Christine	107	41 95
Spinney, Theodore H	3	1 17
Starratt, Myrtle	107	41 95
Sutherland, Edna	107	41 95
West, Hattie W	105	41 17
West, Mildred M	107	41 95
Whalen, Carrie E	107	41 95
White, Jeanie H	58	22 74
*Barker, Hollie J	107	36 64
*Bentley, May B	102	34 92
Bezanson, Emma J	107	27 97
Bowles, Laura B	107	27 97
Brown, Beatrice A	107	27 97
Brown, Marion C	106	27 70
*Bryden, Ethel	108	36 98
*Charlton, Kate B	103	35 26
Clarke, Jennie M	107	27 97
Chipman, Nellie	33	8 62
*Etter, Norma C	103	35 26
Foote, Edith May	107	27 97
Gammon, Mildred	107	27 97
Greenleaf, Alice M	62	16 20
*Hanna, Ellen B	102 1/2	35 09
Hatchard, Clara G	103	28 23
Johnson, Florence E	103	23 92
*Kirkpatrick, Jessie	106	38 29
Long, Gertrude	107	27 97
*Lyons, Freeman J	83	28 42
*Matthews, Margaret	78	26 71
*Minnis, Lottie A	107	36 64
*Newcomb, Erle V	50	17 12
*Newcomb, Mary A	107	36 64
*Nicholson, Euphemia	102	34 92
*North Millicent	67	22 98
Parker, Bertha M	77	20 12
*Parker, Grace L	54	18 49
*Parker, Maude S	107	36 64
Parrish, Cora B	107	27 97
Patterson, Ruth A	108	28 23

Rand, Fannie L	102	26 66
Rockwell, Gladys A	107	27 97
*Roscoe, Josephine O	103	35 26
*Saunders, Emelie A	104	35 60
*Spinney, Hattie S	106	36 29
Stronge, Eva M	107	27 97
Toye, M Beatrice	107	27 97
*Taylor, Edna	52	17 80
Young, Jessie S	82	21 43

ASSISTANT.

Beals, Mary E	101	17 60
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LUNENBURG.

Crouse, Annie	107	69 92
Hewitt, Minnie	106	83 10
Morton, R F	107	97 90
McKittrick, B	106	96 95
Smith, J F	107	97 90
Durland, Hildah	106	55 41
Forbes, Addie	107	55 94
Fraser, W ellesley	106	55 41
Hamn, Maggie	107	55 94
Hamn, Ora	107	55 94
Hewitt, F C	106	55 41
Hirtle, Arthur	105	54 89
Joudrey, Edith	106	55 41
Leary, Mary E	107	55 94
Lantz, Theresa	106	55 41
Lewis, Kate A	107	55 94
Mader, Flora	107	55 94
McDougall, Marion	106	55 41
McLaughlin, Lilla	106	55 41
Mullock, Florence	107	55 94
Smith, Lizzie	106	55 41
Stram, Mabel	107	55 94
Veinotte, A M	107	55 94
Young, Helen	106	55 41
Znck, Etta	107	55 94
Bolivar, Stella	107	41 95
Bowers, Mary	107	41 95
Card, Hattie	107	41 95
Chri-topher, Minnie	106 <sup>1</sup>	41 76
Cassman, Minnie	103	40 39
Cushing, Alice	107	41 95
Eisenhauer, Bessie	107	41 95
Ernst, Phebe	107	41 95
Gaetz, Ida	102	40 60
Gow, Isabel	106	41 56
Hallamore, Della	107	41 95
Hebb, Elsie	107	41 95
Herman, Eldridge	104	40 78
Hirtle, Amanda	106	41 56
Hirtle, Beatrice	107	41 95
Kaulback, Helen	107	41 95
Keddy, Beatrice	107	41 95
Keddie, Bessie	107	41 95
Logan, Mary	106	41 56
Lohnes, Eva M	88	34 50
Manning, Myra	107	41 95
Manthorne, Maud	107	41 95
Millett, Nettie	105	41 17
Morton, Annie	103	40 39
McLachlan, Ethel	106	41 56
McLachlin, Lelia	106	41 56
Neal, Ella E	104	40 78

Newcomb, Mabel	107	41 95
Palmer, Etta	94 <sup>1</sup>	37 06
Prince, Ina	107	41 95
Ramey, Rebecca	107	41 95
Scott, Ethel	107	41 95
Smith, Wilbert	107	41 95
Tobin, Ellen	107	41 95
Tobin, Mary	107	41 95
Warner, Emma	107	41 95
Wentzel, Cora	107	41 95
West, Ella L	106	41 56
Westhaver, Edna	107	41 95
Wentzel, Ida H	107	41 95
Wilson, Helen	87	34 10
Young, Mary	106	41 56
Zwicker, Nettie	106	41 56
*Adams, Lillian	107	36 63
Annis, Una	107	27 97
*Banks, Lillie	54	18 49
Barry, Luella	107	27 97
Barnaby, Mattie	106	27 70
Richard, Florrie	107	27 97
*Buhm, Flora	107	36 63
Chesley, Ethel	106	27 70
Chesley, Isabel	107	27 97
Chesley, Jessie	107	27 97
*Croft, Margt	107	36 63
Corkum, Beatrice	107	27 70
DeLong, Rachie	106	27 97
Eisenhauer, John	107	27 97
Ernst, Flo G	107	36 63
*Fancy, Bessie	107	36 63
*Fancy, Elizabeth	106	26 66
Feener, Norah	102	27 97
Freeman, Maud	107	36 63
*Feindell, Theresa	107	27 97
Feindell, Gertrude	107	27 97
Fitch, Clara	107	27 97
Forbes, Annie	107	27 97
Getson, Mary	107	36 28
*Godfrey, Jessie	106	27 97
Harlow, Lottie	107	27 97
Haughn, Lottie	107	24 82
Hebb, Bessie	95	25 97
Herman, Bessie	107	27 97
Herman, Naomi	107	36 63
*Hirtle, Lue	107	27 97
Ingls, Flora	107	27 97
Jefferson, Eva	167	27 97
Johnson, Annie	107	27 70
Kaulback, Laura	106	27 97
Keddy, Annie	107	27 70
Kennedy, Lois	106	27 97
Langille, Rebecca	107	22 98
Leary, Bernice	88	16 77
*Lohnes, Annie	49	27 70
Lohnes, Lydia	105	36 63
*Lohnes, Nellie	107	27 97
Manning, Geo	107	36 63
*Millett, Sadie	107	5 22
Mitchell, Lena	20	27 97
Mcrash, Carrie	107	27 97
Mossman, Alice	107	27 97
Mullock, Addie	107	27 97
Mullock, Carrie	107	27 97
Murley, Estella	107	27 97
Nass, Ellen	107	27 97
Oxner, Bertha	107	27 97



Publicover, Ida	107	27 97
Rafuse, Jessie	107	27 97
Rafuse, Maggie	107	27 97
Reeves, Ella M	107	27 97
Remby, Lottie	107	27 97
Rodenhiser, Effie	107	27 97
Sarty, Eva	107	27 97
Sarty, Effie	104	27 18
Seldon, Clem	97	25 34
Shea, Minnie	101	26 40
Shoop, Nora	107	27 97
Slauenwhite, P	107	27 97
Smeltzer, Jennie	107	27 97
Smith, Ada A	107	27 97
Smith, Mary	107	27 97
Thompson, Lillian	101	26 40
Thompson, Florian	106	27 70
Venotte, May	107	27 97
*Venotte, Minnie	107	36 63
Ward, Jennie	107	27 97
Weagle, Josie	103	26 92
Wentzel, Jemima	100	26 14
Wile, Susie	107	27 97
Wilson, Alvin	107	27 97
Wilson, Bertrem	14	3 65
Wilson, Ethel	54	14 11
Zwicker, Bessie	107	27 97

CHESTER.

Chisholm, Maud	107	55 94
Corkum, Inez	107	55 94
Parker, Herbert	107	55 94
Butler, Mamie	107	41 95
Crowell, Fdith	103	40 39
Duncan, Jessie	107	41 95
Hennigan, B	105	41 17
Nichol, Minnie	107	41 95
Parker, Carrie	107	41 95
Parker, Grace	107	41 95
Povoas, Minnie	103	40 39
Smith, Vera M	107	41 95
Stamberg, C W	107	41 95
Vogel, Anna B	107	41 95
Webber, Eva A	107	41 95
Campbell, M	107	27 97
Cox, Bessie	107	27 97
Dauphinee, Elsie	107	27 97
*DeAdder, Luitzard	106	36 28
Ernst, Flo C	97	25 34
Hennigar, Grace	107	27 97
Hyson, Ada E	107	27 97
Lockhart, Jessie	104	27 18
Mason, Jessie	107	27 97
*Mills, Ethel	107	27 97
*Mills, Mary A	103	35 27
*Ramey, Grace	107	36 63
*Smith, Ida R	64	21 91
*Zinck, Minnie	107	36 63
Zwicher, Annie	107	27 97

PICTOU.

NORTH.

Boehner, R S	107	88 91
McLellan, Robert	104	95 13
Munro, H F	107	83 91
Robinson, C B	106	83 10

Dickson, Ethel M	107	55 94
Grant, Jessie E	102	53 32
MacKenzie, Maude E	107	55 94
MacRae, Muriel H	107	55 94
MacRae, Alice A	107	55 94
Maxwell, Martha	106	55 41
McArthur, Olive E	106	55 41
McKay, Katherine	107	55 94
Young, Nettie B	107	55 94
Young, I Rena	107	55 94
Barnhill, Lizzie E	66	25 87
Creelman, Estelle M	107	41 95
Cruikshank, Jessie	103	40 39
Cunningham, Ada S	107	41 95
Grant, Ella J	107	41 95
Gordon, Jean A M	107	41 95
Gray, Margaret	107	41 95
Macdonald, Jessie B	107	41 95
MacKenzie, Barbara	107	41 95
MacKenzie, Anna	102	40 00
MacKenzie, Ethel I	107	41 95
McKay, William	107	41 95
MacKay, Kenneth G	105	41 17
McLellan, Grace	103	40 39
McIntosh, Miranda	106	41 56
McMillan, Arabelle	107	41 95
McKay, Malcolm	107	41 95
McKay, Beatrice	107	41 95
Perrin, Elva E	107	41 95
Park, Marion	101	39 60
Rose, Jessie F	107	41 95
Ross, M Odessa	105	41 17
Robinson, Emma	107	41 95
Schultz, Sadie J	107	41 95
Sutherland, Mary	107	41 95
Sutherland, Georgianna	107	41 95
Thomson, Isa	107	41 95
Arbuckle, Ella D	105	27 44
Baillie, Christina	107	27 97
Davies, Jessie	106	27 70
Elliott, Marion	105	27 44
*Fraser, Cassie	107	37 29
*Grant, Anna	107	37 29
Henderson, Bessie	107	27 97
Kennedy, Christie	107	27 97
Langille, Edith C E	88	22 99
MacKenzie, Marion J	107	27 97
McDonald, Cassie	102	26 66
MacKenzie, Jessie E	107	27 97
MacLanders, Jennie M	107	27 97
Matheson, Jessie M	103	26 92
Matheson, Florence E	107	27 97
Maxwell, L Etta	106	27 70
MacBain, Mary C	9	2 34
MacBain, Ellen E	96	25 08
MacKay, Bessie V	107	27 97
MacLean, Margaret	107	27 97
*MacKay, Annie C	107	37 29
McCunn, Geo B	107	27 97
McCunn, Isabella	103	26 92
Murdock, Jennie B	104	27 18
Munro, Mossie M	106	27 70
*Oakes, Phoebe	107	37 29
Reid, M Florence	107	27 97
*Ross, Robert	87	30 32
*Ross, Blanche M	107	37 29
*Ross, Maggie M	78	27 19
*Sutherland, Jessie B	104	36 25

Stramberg, Vida	107	27 97
Stewart, Martha	107	27 97
Tattric, Mabel C	107	27 97

SOUTH.

Archibald, G G	107	83 91
Fraser, W P	107	97 90
Grant, Tena	107	69 92
MacKenzie, Geo W	107	83 91
McLeod, John T	107	97 90
Simpson, F S	107	97 90
Allen, Margaret E	107	55 94
Connolly, Nellie E	107	55 94
Cairns, Janet	107	55 94
Cock, Ada	107	55 94
Cunningham, Isabel K	107	55 94
Duff, Catherine I	107	55 94
Fraser, Mabel O	107	55 94
Fulton, A Bertha	107	55 94
Johnston, Isabel	107	55 94
Laurie, Elizabeth	107	55 94
Munro, Janie	107	55 94
MacKenzie, A S	107	55 94
McLean, Cassie E	107	55 94
Macdonald, Christina S	107	55 94
MacKaracher, Mary	107	55 94
Murray, Sadie A	107	55 94
Roy, Harriet	107	55 94
Sproull, Katie F	107	55 94
Sutherland, N A	107	55 94
Sutherland, Christina B	107	55 94
Thompson, Lizzie	106	41 95
Crockett, Annie C	107	41 95
Cunning, H D	107	41 95
Cameron, Mary M	102	40 00
Copeland, Adelaide	107	41 95
Chisholm, Mary M	99	38 82
Cameron, Lizzie M	107	41 95
Cunningham, Leah	107	41 95
Cunningham, Dolina	97	38 43
Douglas, J Maude	107	41 95
Doyle, Emma M	103	40 39
Fraser, Annie McL	20	7 84
Grant, W P	68	26 66
Grant, Ada	107	41 95
Grant, Julia	106	41 56
Grant, Clara A	100	39 21
Gunn, Sterling A	107	41 95
Henderson, J W	107	41 95
Herdman, W W	102	40 00
Lays, Melissa	107	41 95
MacKinnon, Ada K	107	41 95
Macdonald, John R	107	41 95
Maxwell, Bessie B	107	41 95
Maxwell, Ella	105	41 17
MacPherson, Margaret	105	41 17
Marshall, Lena H	107	41 95
MacLaren, Lottie M	102	40 00
McDonald, Agnes C	107	41 95
MacKay, Cassie M	107	41 95
McMillan, Mary J	107	41 95
McDonald, Annie C	107	41 95
Maclean, Ella J	20	7 84
MacKenzie, Harry H	107	41 95
McLeod, Frank T	107	41 95
Munroe, Mary E	107	41 95
McIntosh, Isabel	107	41 95
Meikle, Alex M P	107	41 95

O'Neil, Annie H	105	41 17
Ross, Maggie	43	16 86
Robertson, Alex W	107	41 95
Russell, Martha C	107	41 95
Ross, Sarah C	49	15 68
Sutherland, Lexie	106	41 56
Sutherland, Jessie L	107	41 95
Stewart Jennie W	107	41 95
Tuttle, Florence S	107	41 95
Weir, Isabelle D	86	33 71
Wilson, Annie	107	41 95
*Baird, Anna E	53	41 95
Boutilier, Eliza	58	18 47
Cameron, Mary	107	27 97
*Cameron, Rachel	65	15 15
Cameron, Hannah	107	22 65
Campbell, Peter	107	27 97
Campbell, Mary F	107	27 97
Fraser, Esther C	107	27 97
*Fraser, Margaret A	102	35 55
*Grant, Margaret S	107	37 29
Harivel, Sophia	107	27 97
Jackson, Annie F	107	27 97
Kennedy, Jennie M	107	27 97
Matheson, Maud	107	27 97
MacLeod, Kathleen	105	27 44
MacLeod, Florence J	69	18 02
Macdonald, Christina M	106	27 70
McPhie, Christina J	96	25 08
McIntosh, A D	106	27 70
Macgillivray, Mary,	105	27 44
Macdonald, Rachel	107	27 97
MacGlashan, Isabella	107	26 92
Meikle, Christina E	103	17 50
*MacLeod, Isabella J	67	20 21
*MacDonald, Margaret	58	25 10
*McBain, Lena	72	31 29
MacDonald, Ada S	107	27 70
*McDonald, Anna F	106	36 94
McDonald, Anna	106	27 97
*Ogilvie, Mabel	107	37 29
*Ross, Jessie B	107	25 10
Smith, Estella L	72	27 97
Smith, Ida McG	107	17 50
Sutherland, Robt	67	27 70
	106	

QUEENS.

SOUTH.

Freeman, H S	107	897 90
Dauphinee, Josie	107	55 94
Freeman, Alberta	105	54 89
Hemeon, Elizabeth	107	55 94
Harrington, E B	107	55 94
Harrington, E M	107	55 94
Kempton, Ellie	107	55 94
Kempton, May	107	55 94
Mullins, Jennie	107	55 94
Penny, Laurie	107	48 68
Whitman, E J	93	41 95
Arthur, Linnie	107	41 95
Eldridge, Grace	106	41 95
Ellis, Nellie	106	41 95
Ford, Carrie	107	24 30
Ford, Mollie	62	41 17
Freeman, Florence	105	41 95
Freeman, Margaret	107	

Hemeon, Nettie	107	41 95
Kempton, Enos	54	21 17
Mack, Robert	107	41 95
Manthorne, Percy	105	41 17
Shepherdson, Geo	107	41 95
Smith, Jennie M	106	41 56
Smith, Sophia	107	41 95
Swansburg, Agnes	107	41 95
Chandler, Sadie	107	27 97
Freeman, Mabel	107	27 97
*Locke, Cyril	107	37 29
MacKay, Gertrude	102½	26 79
Manthorne, Lennie	107	27 97
Parke, Robina	107	27 97
Parnell, Alma	107	27 97
*Purney, Helen	96	33 46
Robertson, Bertha	106	27 70
Taylor, Emma	107	27 97
Vogler, Jessie	107	27 97
Zwicker, Annie	107	27 97

NORTH.

Freeman, Jessie	107	55 94
Boyle, Rose	107	41 95
Brown, Bernice	102	40 00
Cushing, E S	104	40 78
Freeman, May	107	41 95
Richardson, Ralph	107	41 95
Sproule, L M	107	41 95
West, Susie	106	41 56
Boyle, Clara	107	27 97
Boyle, May G	107	27 97
Dolliver, Lydia	105	27 44
*Fremann, Ada	73	25 45
*Froude, Iona	53	18 47
*Gardner, Estella	87	30 32
Harlow, Ada	105	27 44
*Hebb, Florence	107	37 29
*Patterson, Maud	56	19 51
Richardson, Belva	107	27 97
Starratt, Georgie	107	27 97
*Smith, Allie B	72	25 10

RICHMOND.

Layton, J S	107	97 90
Boyd, Christina	107	55 94
Campbell, D H	107	55 94
Cox, William E	107	55 94
Gillis, D McK	97	50 70
Herdman, Wm C	36	18 81
Hynes, James	107	55 94
Macdonald, Mary C	107	55 94
Madden, Annie E	107	55 94
Martin, O McN	75	39 20
Baillie, Alex G	107	41 95
Barrs, Clementine A	107	41 95
Creighton, Alice	77	30 18
Des Lauriers, M H	107	41 95
Doucet, M C	107	41 95
Doyle, J O'N	107	41 95
Ferguson, W N	107	41 95
Girou, Eva B	107	41 95
Kemp, Hector F	107	41 95
Lattimore, Libbie F	107	41 95
Lynds, Lulu J	107	41 95
McDougall, Peter	106	41 56

McKillop, Ewen D	107	41 95
Macneil, Helena	101	39 60
Martell, Melina	107	41 95
Moffatt, Annie	107	41 95
Nelson, J Scott	107	41 95
Proudfoot, Jas A	44	17 25
Renault, Alfred	107	41 95
Sampson, Martha	107	41 95
Smith, Edgar S	18	7 06
Beranger, Elizabeth	53	13 85
Boucher, Susan M	53	13 85
Bonin, Mary E	107	27 97
Boudrot, Edward D	107	27 97
Brymer, Emma	107	27 97
Brymer, Harry F	107	27 97
Currie, Jeanette	107	27 97
Deagle, Joseph	107	27 97
Douglas, Hav G	107	27 97
Ferguson, Ken A	107	27 97
Hureau, Helen	107	27 97
Langley, Jennie	95	24 82
Langley, John	102	26 66
LeBlanc, Mabel	107	27 97
MacCuish, Maggie	107	27 97
McCuspie, Finlay J	107	27 97
McDonald, Harry E	101	26 40
McKillop, D A	107	27 97
MacLeod, Marie S	107	27 97
MacLeod, Tena H	107	27 97
McMillan, Sara B	107	27 97
MacNeil, Minnie V	107	27 97
Macneil, Maggie A	107	27 97
Malcolm, Etta J	107	27 97
Monbourquette, A J	83	21 69
Nelson, Gustave A	107	27 97
O'Toole, Sara E	107	19 07
O'Toole, Henrietta	103	26 92
Walker, Annie	107	27 97
White, Laura M	105	27 44
*Gillis, Christy	107	37 29
*Kennedy, Lena C	88	30 67
*Grant, Cassie J	107	37 29
*McA-skill, Fred G	102	35 55
*Macdonald, Malcolm	103	35 90
*MacLean, Don A	107	37 29
*MacLean, Don A, last term		6 95
*White, Sarah C	107	37 29
Porier, Alvan P	72	18 81

SHELBURNE.

Bruce, C S	107	97 90
Blackadar, G D	50	45 74
McLeod, Angus	52	47 56
Allen, Jennie R	104	54 37
Allen, C S	107	55 94
Densmore, Flo	107	55 94
MacDonald, W W	107	55 94
MacKay, Nettie	107	55 94
MacKay, E W	106½	55 67
Thorburn, E M	107	55 94
Atwood, Maud	106	41 56
Bruce, F J	3	1 17
Bethell, Allie S	107	41 95
Bower, Carrie E	107	41 95
Decker, Chas E	107	41 95
Doleman, T	104	40 78

Doleman, G H	107	41 95
Eisenhaur, R C	107	41 95
Etherington, Lily	105	41 17
Findal, Adeline	106	41 56
Harding, M H	103	40 39
Holden, Annie P	107	41 95
Kean, Evelyn	107	41 95
Lyle, Emily R	105	41 17
MacAlpine, E	107	41 95
MacDonald, Mina	107	41 95
Martin, K L	105	41 17
Martin, Belle	107	41 95
Sutherland, Bessie	107	41 95
Thomson, C H	105	41 56
Thorburn, B M	106	41 56
Thorburn, M B	107	41 95
West, Henry H	106½	41 76
Black, P M	107	27 97
Clark, C B	107	27 97
Conrad, L M	106	27 97
*Freeman, Lulu T	107	37 29
Frude, Eud G	107	27 95
Hardy, Bertha W	79	20 64
Huskilson, Lena	107	27 95
Jones, Sadie B	107	27 95
MacKay, E M	107	27 95
Purney, Gladys	1-3	26 92
*Reynolds, H C	107	37 29
Smith, Irene M	107	27 95
Swanburg, M L	107	27 95
Whitman, Jessie E	105	27 44

## BARRINGTON.

Uraig, N R	107	55 94
Crowell, A E	102½	53 58
Doane, Edith	107	55 94
Fox, Arthur D	106	55 41
Huggins, Geo M	107	55 94
Larkin, B A	49	25 61
MacGill, L P	105½	55 15
Martin, M L	107	55 94
Turpin, Eud	107	55 94
Brannen, Louise	106½	41 76
Christie, R H	107	41 95
Crowell, A W	101	39 60
Downie, H A	107	41 95
Ford, Roselle	107	41 95
Hogg, G W	106	41 56
Hopkins, Belle	104	40 78
Kirk, Janet H	58	22 74
Knowles, Ina	106½	41 76
Littlewood, Leon	106	41 56
McCarthy, E L	105	41 17
Nickerson, S H	107	41 95
Shields, B L	107	41 95
Smith, L J	107	41 95
Swaine, Eva H	107	41 95
Swanburg, M M	107	41 95
Wilson, E M	107	41 95
Zwicker, Carrie	107	37 29
*Cunningham, M	107	27 97
Downey, Jos L	107	27 97
Forbes, M G	107	27 97
Giffin, Grace M	19	4 95
Goodwin, B A	107	27 97
Hogg, A C	66	23 00
*Lamrock, Belle		

MacGowan, F C	105	27 44
MacInnis, M A	107	27 97
Perry, Emma F	79	20 64
Smith, Marjorie	107	27 97
*Thorburn, M A	107	37 29

## VICTORIA.

McDonald, J Crerar	107	\$97 90
McRae, Agnes	107	55 94
Forbes, James C	107	55 94
Meek, Lena R P	52½	27 44
Ross, Kathleen Ida	107	55 94
McDonald, M B	107	55 94
Grant, Minnie	101	39 60
Gillis, Angus D	100	39 21
Howatson, Jessie	102	40 00
Hertigan, Elizabeth	107	41 95
McRae, Bessie F	107	41 95
McDougall, Jean	107	41 95
McLean, Tena O	107	41 95
McDonald, Catherine A	107	41 95
McCharles, Lena M	107	41 95
McNeil, Margaret	107	41 95
McLeod, Margaret	107	41 95
McLeod, John D	107	41 95
McKay, Arthur J	107	41 95
McKay, Neil W	107	41 95
McDougall, Alex	107	41 95
McInnes, Angus J	107	41 95
McDaniel, Bernard J	107	41 95
Cruikshanks, Jean H	105	27 44
Doyle, Agnes C	107	27 97
Dauphine, George	107	27 97
Fraser, William	107	27 97
*Homans, Ethel L	105	36 59
*Lowden, Jennie C	54	18 82
Levis, Hugh	107	27 97
*Morrison, Joanna B	100	34 85
Munro, Katie	107	27 97
McRae, Lexie C	107	27 97
McIver, Dolena	107	27 97
McAskill, Flora B	107	27 97
McLean, Ivy May	105	27 44
*McKenzie, Eliza A	107	37 29
McRae, Jessie A	103	26 92
McRae Florence	107	27 97
McAulay, Christina	107	27 97
*McCharles, May A	107	37 29
McLean, May C	107	27 97
McLennan, Jessie	107	27 97
McIver, Norena	107	27 97
McGarrey, M E	107	27 97
McIver, Arthur	107	27 97
McRitchie, John J	107	27 97
McLeod, Angus	107	27 97
McLellan, John C	100	26 14
*McRitchie, Dan J	106	36 94
McDonald, Malcolm	96	25 08
*Nicholson, Annie B	107	37 29
Smith, Mary A	107	27 97
*Sutherland, Annie M	53	18 47
Stewart, Robert A	107	27 97

YARMOUTH.

Cameron, A	15	13 68
Kempton, W F	104	95 13
Wyman, H I	104	81 54
Blackadar, G D	56	43 89
Bingay, J H	89	69 78
Archibald, M A	104	67 95
Bingay, N B	103	67 30
Bingay, J H	16	10 42
Horner, A W	106	83 10
MacGray, M W	103	67 30
Trask, J Logan	105	68 60
Tooker, Beatrice	4	2 60
Allen, S B	106	55 41
Allen, E C	104	54 37
Beveridge, W R	107	55 94
Bruce, W A	107	55 94
Churehill, H W	107	55 94
Churchill, N	107	55 94
D'Entremont, Georgie	104	54 37
Goodwin, Effie B	107	55 94
Goudey, Theo	105	54 89
Goudey, A A	107	55-94
Grierson, Jean	104	54 37
Hopkins, M J	105	54 89
Huestis, H A	96	50 18
Jenkins, E J	104	54 37
Kinney, Laura	105	54 89
McLeod, A J	105½	55 15
Moses, Winifred	107	55 95
Moses, Judson	86	44 95
Murray, Grace E	97	50 70
Pierce, Mabel E	107	55 94
Phillips, Elizabeth	107	55 94
Raymond, L	104	54 37
Robbins, Catherine	105	54 89
Trefry, Amy G	106	55 41
Wyman, Lizzie	107	55 94
Allan, F L	106	41 56
Brannen, Gertrude	101	39 60
Brown, Maud S	105	41 17
*Brown, Mary M	105½	41 37
Bryant, Arletta	103	40 39
Chipman, Agnes	103	40 39
Crosby, Jessie H	103	40 39
Crosby, Leuna	105	41 17
Delmere, S P	105	41 17
Goudey, Mary J	107	41 95
Goudey, L Ada	106	41 56
Heaney, Lizzie	100	39 21
Hilton, W E	107	41 95
Iram, Nellie M	103	40 39
Killam, L E	167	41 95
Lynch, Marion E	107	41 95
MacAlpine, F D	102	40 00
McKay, Janet	105	41 17
McLeod, Nelsie	99	38 52
Palmer, V E	107	41 95
Parker, Venie W	101	39 60
Parker, E D	107	41 95
Parker, Susan	6	2 35
Patten, Lou C	107	41 95
Platt, Ada M	105	41 17
Trask, Annie E	105	41 17

Turner, Flora	107	41 95
Weston, Mary L	107	41 95
*Baker, Annie O	107	37 29
*Duncanson, L L	107	37 29
*Jones, M Eleanor	104	36 25
*Lamrock, Bessie	106	36 94
Marshall, Pearle	107	27 97
Moses, Agnes	107	27 97
Mullen, Rhoda	107½	27 97
Purney, Maria G	107	27 97
Ridley, Grace L	106	27 70
Winters, Eva D	107	27 97

ARGYLE.

Ellenwood, M H	106	55 41
Ellenwood, B D	107	55 94
Hines, Nora G	107	55 94
Moses, Glendon	107	55 94
Pothier, Roy	107	55 94
Smith, Annie S	104	54 37
Allen, Mary V	105	41 17
Bond, Anna B	101	39 60
D'Entremont, M A	107	41 95
D'Eon, S L	107	41 95
Doucet, Emily	107	41 95
Etherington, A A	107	41 95
Frost, C W	104	40 78
Hamilton, J W	107	41 95
Hopkins, Lottie	106	41 56
Jordan, Minnie T	107	41 95
Knowles, Ida F	105	41 17
Pothier, M A	107	41 95
Pothier, A C	107	41 95
Purdy, L S	107	41 95
Sister Seraphia	102	40 00
Sister Elise	107	41 95
Sister Virginia	107	41 95
Thomas, Ida M	93	36 46
Wyman, C W	107	41 95
Amiro, Emily	106	27 70
Amiro, Estelle	107	27 97
Amiro, Therese	107	27 97
Baker, Genie A	106	27 70
Bourque, M M	105	27 44
Baurque, M V	107	27 97
Bourque, Phil	107	27 97
Bourque, Const	103	26 92
Bourque, Rosa	107	27 97
*Devine, Jean	45	15 68
D'Eon, Therese	107	27 97
*Hurlburt, C G	17	5 94
Fleet, Sarah J	99	25 87
Jeffrey, Mary B	106	27 70
Landry, Josephine	106	27 70
LeBlanc, J B	107	27 97
McLeod, M A	105	27 44
Pennington, K A	106	27 70
Pothier, Annie	107	27 97
Pothier, L A	107	27 97
Richard, Angele	107	27 97
Sister Gonzaga	107	27 97
Suret, Emma	105	27 44
*Trefry, Pauline	103	35 90
Wilson, M C	106	27 70

# PROVINCIAL HIGH SCHOOL

## EXAMINATION QUESTIONS, JULY 1903.

County Academy Entrance - (Grade VIII).

(See Comments and Regulations of the Council of Public Instruction, 59-66, pages 80 to 8 Manual of 1901.)

10.00 TO 12.00 A. M., MONDAY, 29th JUNE.

### ENGLISH.

1. Name the principal punctuation marks, and write sentences showing the use of them.
2. Write sentences in which each of the following words is correctly used: *Stop, stay, between, among, have, get, raise, rise, fly, flee.*
3. Give the corresponding masculine or feminine forms of the following: *Jew, daughter, widow, husband, actor, sister, man, princess, marquis, hero, niece, witch.*
4. Write from memory a passage from your reader of at least six lines—paying particular attention to writing, spelling and punctuation.
5. Write a short account of how you spent your last enjoyable holiday.
6. Give the past tense and past participle of: *beat, burn, choose, drive, fall, hide, throw, tread, saw, strike.* Give examples of common mistakes made in the use of the past tense and past participle.
7. What is a Figure of Speech? Name the chief figures, giving illustrations.
8. Analyze :
 

I wandered lonely as a cloud,  
That floats on high o'er vales and hills,  
When all at once I saw a crowd,  
A host of golden daffodils.
9. Parse the italicised words in the following: "*A man's writing has but one true sense, which is that which the author meant when he wrote it.*"
10. Write an informal invitation to one of your playmates to attend your birthday party.

2.00 TO 4.00 P. M., MONDAY] 29TH JUNE.

### MATHEMATICS.

(Answers not showing the work necessary to find them will be assumed to be merely guesses, and therefore of no value).

1. Find the value of  $\frac{17}{23} \div 93.013579$  to six decimal places. (Answer of no value if not exactly correct).

2. \$250.

TRURO, SEPT. 20, 1894.

Sixty days after date, for value received, I promise to pay Neil Ross, or order, the sum of two hundred and fifty dollars, with interest at 5%.

SIMON A. CAMPBELL.

The above was discounted at a bank on October 3, at 7%. Find bank discount and proceeds.

3. Carbonic acid is composed of 32 parts by weight of oxygen to 12 parts by weight of carbon. How many pounds of oxygen in 220 pounds of carbonic acid?

4. Three men, A, B, and C, hired a pasture for \$99. A put in 22 cows for six months, B put in 36 horses for 5 months, and C put in 90 sheep for 4 months. If 3 horses are equivalent to 2 cows, and 5 sheep to 2 cows, find what each man ought to pay.

5. Find the compound interest of \$750 for  $1\frac{1}{2}$  years at 6% per annum, interest payable half-yearly.

6. In a room 84 feet long, 63 feet wide, and 15 feet high, how far is it from a corner of the ceiling to the diagonally opposite corner of the floor?

7. Find the cost of painting the outside of a tubular bridge 1 mile long, and 60 feet in diameter, at 5 cents a square yard.

8. A farmer sent an agent produce, which the agent sold for \$1463.68, charging a commission of 5%. He directed the agent to buy cows with the proceeds, at an average price of \$50 each, deducting his own commission of 3%. How many cows did he buy?

9. If  $x=1$ ,  $y=3$ ,  $z=5$ ,  $w=0$ , find the value of  $\sqrt{3xy} + \sqrt{5xy} + \sqrt{3yw}$ .

10. (a) Multiply  $\frac{2}{3}ax + \frac{2}{3}x^2 + \frac{1}{3}a^2$  by  $\frac{3}{4}a^2 + \frac{3}{2}x^2 - \frac{3}{2}ax$ .

(b) Divide  $1 - a^3 - 8x^3 - 6ax$  by  $1 - a - 2x$ .

9.00 TO 10.30 A. M., TUESDAY, 30TH JUNE.

**DRAWING AND BOOK KEEPING.**

1. A square field, 500 yards in each side, has a gate on one side 100 yards from a corner. How far is this gate from each of the opposite corners, and what are the angles of the triangle formed by the side opposite the gate and the lines joining the gate to the opposite corners?

2. Draw an open book, or a cup in a saucer, or a pitcher on a table, or a gateway, or a house, or a tree.

3. Draw an ornamental design, or a flower, bird or other animal.

[For 2 or 3 the candidate may substitute an object selected by the examiner in charge and placed so as to be seen from any part of the examination room].

4. Explain the object of the different books used in book-keeping, and give a couple of entries in each to prove the character of your knowledge of them.

5. Write out a three months' promissory note for \$50, dated 3rd July, 1903, for John Smith in favor of Tom Jones, in your best form. If John Smith gave this note to Jones in payment of his account, what entries should be made in the books of Tom Jones with reference to it during the year.

10.40 TO 12.00 A. M., TUESDAY, 30TH JUNE.

**GEOGRAPHY AND HISTORY.**(Only *four* geographical and *four* historical questions to be answered).

1. Tell what you know of any two of the following: Conquest of Wales; Peasant Revolt; The Spanish Armada; The Cabal; South Sea Bubble; The Chartists; The Boer War.
  2. Write a description of, the Roman Conquest, the massacre of Glenco, or the Indian Mutiny.
  3. Who were the following: Simon de Montfort; Perkin Warbeck; Guy Fawkes; Duke of Monmouth; John Wilkes; Warren Hastings; George Canning; W. E. Gladstone.
  4. Write a short note on the discoveries of Jacques Cartier.
  5. Tell what you know about the siege and fall of Quebec.
  6. Name the chief battles in the war of 1812—14, and the results of each.
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7. Define *isthmus*, *strait*, *gulf*, *lake*, and describe the surface of Europe.
  8. Name the counties of New Brunswick, the cities of Ontario, the rivers of Quebec and the capes of Nova Scotia.
  9. Name the principal rivers of Asia, and the directions in which they flow.
  10. Describe any one of the following: British Columbia, Chili, Italy, Australia, Egypt, China.
  11. Where and what are the following: Chaleur, Sable, Erie, Vancouver, Providence, Monte Video, Barbadoes, Volga, Gibraltar, Adriatic, Natal, Tonquin, Formosa, Caucasus, Zanzibar.
  12. Draw a map of, either Great Britain, United States or South America, marking the rivers, mountains and chief cities.
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2.00 TO 4.00 P. M., TUESDAY, 30TH JUNE.

**GENERAL KNOWLEDGE.**(Only *ten* questions to be answered.)

[A *tonic sol-fa* certificate as prescribed in Reg. 99, a *Mechanic* science, and a *Domestic* science certificate, may each be presented instead of one of the questions following—maximum value of each 10, according to the judgment of the examiner.]

1. Write down the music of two songs, in any notation, and give your views on the use of knowing how to sing.
2. Give an account of the hand-training work you have been receiving at home or in school, and give your views of the use of it.
3. Why are alcoholic drinks recommended never to be taken, even in moderation?
4. Why is it recommended that one should never use tobacco, even in moderation?
5. What further range of self-restraint does true temperance require; and does it always pay to restrain likings which tend to run to excess? Explain.
6. What are the essentials of good manners; and what are the advantages of good manners?



7. Give the names of 5 plants which flowered in April, 10 in May, and 5 in June, noting their color.
8. Tell something about 5 of our native birds, and 5 other animals or insects.
9. Tell something about the way in which some place came to have such fine soil, while it is stony in some places, and all rock in other places.
10. What rocks or minerals do you know? Tell the color, and whether hard or soft.
11. Tell how and why trees are grafted.
12. Tell something about the value of trees,—from your Arbor Day lessons, if you choose.
13. Why is it so much colder about the 22nd of March than about the 22nd of September, when the sun is in the same position?
14. Why does frost collect on the inside of the window panes, and not outside?
15. Where does snow come from?
16. Tell something about your favorite Nature-study subject.

# PROVINCIAL HIGH SCHOOL EXAMINATION.

See Comments and Regulations of the Council of Public Instruction, 82 to 98, pages 86 to 95,  
Manual of 1901.

## GRADE IX.

9 00 TO 10.00 A. M., WEDNESDAY, 1ST JULY.

### ALGEBRA.

(Only five questions to be answered.)

1. Simplify the following expression and find its value when  $x = a$ ,—

$$ax - 3 \left\{ -ax^3 + 3bx - 4 \left[ \frac{1}{8}cx^3 - \frac{2}{3}(ax - bx^2) \right] \right\}.$$

2. Solve the equations,—

(a)  $(x+1)(x+2)(x+6) = x^3 + 9x^2 + 4(7x-1).$

(b)  $\frac{x}{2} + \frac{x}{3} - \frac{x}{4} + \frac{x}{5} = \frac{7}{6}.$

3. What is the speed in feet per second of a train which travels  $\mu$  miles in  $x$  hours?

4. Solve the equations,—

$$3x - 4y = 6z - 16, \quad 4x - y - z = 5, \quad x = 3y + 2(z - 1).$$

5. The sum of a number of two digits and the number formed by reversing the digits is 110, and the difference of the digits is 6: find the number.

6. Find the cube root of

$$\frac{a^3}{b^3} - \frac{3a^2}{b^2} - \frac{3b^2}{a^2} + \frac{b^3}{a^3} + \frac{6b}{a} + \frac{6a}{b} - 7.$$

7. A man walks 35 miles partly at the rate of 4 miles an hour and partly at 5: if he had walked at 5 miles an hour when he walked at 4, and *vice versa*, he would have covered two miles more in the same time. Find the time he was walking.

10.10 TO 11.10 A. M., WEDNESDAY, 1ST JULY.

### LATIN.

1. Decline together in both numbers, *ager fertilis*, and in the singular *mirabile in genium*. Give the Genitive and Ablative of *Vergilius*, the genitive plural of *tu* and the dative plural of *is*.

2. Adjectives in English lack several characteristics belonging to adjectives in Latin. What are these? Compare *brevis*, *difficilis*, *bonus*, *malus*, *superus*. What peculiarity of declension have the adjectives, *totus*, *nullus*, *solus*?

3. Give the principal parts of *habeo*, *rideo*, *fugio*, *fugo*, *gero*, *vinco*, *scribo*. Write short sentences illustrating the distinction between an appositive nominative and a predicative nominative. State rules for following constructions, (1) noun denoting accompaniment, (2) subject of the infinitive mood, (3) noun denoting the whole of which a part is taken.

4. Translate into English : (1) *Este contenti, oppidani, nam dei fuerunt benigni,* (2) *Defesso equo grata est aqua,* (3) *Vir cui sunt multi remi, est nauta,* (4) *Quis vestrum nomen hujus fluminis dare potest ?*

5. Translate into Latin : (1) We have seen more difficult things, (2) The King was delighted with the charge of the soldiers, (3) You and I are in good health, (4) Concerning these things I will soon be able to write to you.

2.00 TO 3.00 P. M., WEDNESDAY, 1ST JULY.

ENGLISH LANGUAGE.

(Only five questions to be answered.)

1. How should "business" letters be written? How do they differ from letters of a "formal" and a "social" character?
2. Write a short letter to a friend describing how you spent "Empire Day."
3. What general rules should be observed in "Descriptive narration"?
4. Describe how Perseus slew the Gorgon.
5. Describe how Theseus slew the Minotaur.
6. Give a brief abstract of Macaulay's poem "Horatius."
7. Quote twelve or fifteen consecutive lines from "The battle of Lake Regillus."

3.10 TO 4.10 P. M., WEDNESDAY, 1ST JULY.

FRENCH.

1. Translate : *Cinq ou six jours après, un pêcheur, ayant pris un très gros poisson, le crut digne de Polycrate. Il le porta au palais, demanda à parler au prince et ayant obtenu cette permission, "Seigneur," dit-il, en le lui présentant, "voici un poisson que j'ai pris ; il ne peut convenir qu'à vous, et je vous prie de l'accepter."*

(a) Parse and give prin. parts of : *ayant, dit, peut*. Write the future of *ayant*.

(b) *En le présentant*. Parse *en*; in what other capacities may this word be used? explain and translate : I have French books. Have you any?—My friend is in France—He has been speaking of it.

2. Translate : *Ayrès tout, il est possible que j'aie tort. Suivezmoi, beau sire ; si vous êtes vraiment un honnête homme, on ne vous laissera pas dormir au clair de la lune.—Je suis un honnête homme, vous pouvez m'en croire, dit le roi, et comme gage voici ma main.—Tout beau, mon cher, répondit le meunier, je ne donne pas de poignées de main quand il fait si noir.*

(a) What difference between : *voilà des personnes que je connais* and *il y a des personnes qui ne savent lire*? Translate these sentences.

(b) The verb "to be" with an *adj.* assumes a different form in French, translate: You are right. That child is hungry. She is afraid.

3. Translate : *Ah ! Monsieur, si vous saviez pourquoi je désire si fort de gagner de l'argent, vous n'ajouteriez pas à ma peine, celle de me croire un caractère si bas.—J'ai pu vous faire tort, mais vous ne vous êtes pas expliqué. Faisons une promenade et vous me conferez votre histoire.*

(a) *Votre histoire*. Write this in the plural. Show the pronominal form of *votre* by translating : Here is his book, give me yours.

(b) The boy whose father I know. Translate this sentence and comment on the difference of construction in French. Translate: Whose book is this?

4. Translate: Le comte veut lui donner la récompense promise. "Je ne vends point ma vie, lui répond le villageois; mon travail suffit pour me nourrir, moi, ma femme et mes enfants; donnez la somme à cette pauvre famille qui en a besoin plus que moi."

(a) *Plus que moi*. Write the positive and superlative of *plus*. Parse *que*, and mention what character it assumes in the sentences: *Que voulez-vous?* *L'homme que je vois. Qu'il fait froid!*

5. Translate: (a) Here are two books, which is your brother's? (b) Here are the persons of whom I was speaking to you yesterday. (c) We waited half an hour, but nobody came. (d) If he is in need of money, here is some. (e) Speak to me in German, and I will speak to you in French.

9.00 TO 10.00 A. M., THURSDAY, 2ND JULY.

### GEOMETRY.

(Only five questions to be answered).

1. If two angles of a triangle be equal to one another, then the sides also which subtend, or are opposite to, the equal angles, shall be equal to one another.
2. If a straight line stand upon another straight line, then the adjacent angles shall be either two right angles, or together equal to two right angles.
3. In a right-angled triangle, the square described on the hypotenuse is equal to the sum of the squares described on the other two sides.
4. Describe a parallelogram that shall be equal to a given triangle, and have one of its angles equal to a given angle.
5. The angle contained by the bisectors of the angles at the base of any triangle is equal to the vertical angle together with half the sum of the base angles.
6. In a parallelogram the perpendiculars drawn from one pair of opposite angles to the diagonal which joins the other pair are equal.
7. Every right-angled triangle is divided into two isosceles triangles by a straight line drawn from the right angle to the middle point of the hypotenuse.

2.00 TO 3.00 P. M., THURSDAY, 2ND JULY.

### SCIENCE.

(Only five questions to be answered.)

1. Describe from memory any one of the following plants, so as to show what botanical knowledge you have:
  - (a) Shepherd's Purse.
  - (b) The Great Willow-herb.
  - (c) The Marsh Calla.
  - (d) The Blue Flag.
  - (e) The leaves, flower and fruit of a cherry, plum or apple.
2. Give as large a list as you can write in ten minutes of plants which you have examined and found the names of in the *flora* of your text book, giving at least one characteristic point of each, and the family.
3. Describe the general points of difference between exogenous and endogenous plants—stems, leaves, flowers, seeds.
4. Show what you know about any one of the following: A grass, a gymnosperm, a moss, a fern, or a mushroom.

5. Tell what you know about the structure and function of a leaf; or what you know about cells and their contents.
6. Explain clearly what you understand by "the three states of matter"; or by "Specific heat."
7. Explain clearly the structure of a water-pump, so as to demonstrate your knowledge of the action of the valves and the pressure of the atmosphere; or explain how a thermometer is made.
8. Give an account with drawing of any experiments you made or saw made, so as to explain your understanding of them, in any one of the following subjects: Sound, refraction of light, electricity, freezing mixtures, or capillarity.

9.00 TO 10.00 A. M., FRIDAY, 3RD JULY.

**ARITHMETIC.**

(Only five questions to be answered).

1. Divide the sum of  $\frac{2}{3}$  of  $\frac{1}{4}$  and  $\frac{2}{5}$  of  $\frac{5}{9}$  by their difference.
2. (a) Find the square root of .01170724. (b) Find to three places the cube root of .03.
3. (a) Reduce to higher denominations, 3069544 drams. (b) Express 5 cwt. 2 qr. 14 lb. in tons.
4. A train 88 yards long takes 6 seconds to pass a man walking by the side of the track at the rate of  $3\frac{1}{2}$  miles per hour. At what rate in miles per hour is the train moving?
5. A gentleman whose house was destroyed by fire received from the underwriters \$2045, which was  $\frac{4}{5}$  of the amount of the policy. The insurance was  $\frac{1}{4}$  of the value of the house, and the premium paid was \$66.24. What was the loss?
6. A debt of \$665.60 contracted on February 11, to be paid in six months, without interest, was paid on March 18. Find the discount, money being worth 6%.

10.10 TO 11.10 A. M., FRIDAY, 3RD JULY.

**DRAWING AND BOOK KEEPING.**

(Candidate is to answer three questions from one group (A or B), and two from the other.)

**GROUP A**

1. John Brown buys of James Smith one felt hat, for which he agrees to pay him three dollars. (a) How would John Brown enter this transaction in his ledger? (b) How would James Smith enter it in his ledger?
2. Write a bill of five items, giving credit for one payment and a receipt for the balance.
3. Give an example of a promissory note, (a) non-negotiable, (b) negotiable by indorsement, (c) negotiable without indorsement. Rule a form for the Bill Book, and tell what entries are made in each column.

**GROUP B.**

1. Draw a picture showing a teaspoon in a glass tumbler nearly full of water.
2. Two straight lines, A B and C D are each 456 inches in length; they cut each other at right angles in the point O, so that A O is 115 inches long, and C O 258 inches. Find the length of C B and the number of degrees in the angle C B D.

3. Draw an outline sketch of a boy flying a kite, or an open gateway, or of a landscape, or of an animal in a vigorous attitude, or of a plant in flower.
4. Draw the plans for a piece of wood-work, or give an illustration of any other kind of drawing which you may have been doing, graphics, etc.

2.00 TO 3.00 P. M., FRIDAY, 3RD JULY.

### GEOGRAPHY AND HISTORY.

(Only *five* questions to be answered: not more than *three* from either A or B).

A.

1. Explain the cause of day and night, and of the variation of the length of day during the year.
2. Enumerate the chief influences affecting climate, explaining the effect of each.
3. Enumerate the chief industries of the Provinces of Ontario, Quebec, New Brunswick and Nova Scotia, and name the localities where each is specially pursued.
4. Name the chief rivers of the British Isles with the principal cities on their banks.
5. Draw a map and give a brief account of any *one* of the following; India, Newfoundland, Tasmania, Jamaica, Natal.

B.

6. Write a note on the early explorers of Canada.
7. Give a brief account of the struggle between the French and English in the Valley of the Ohio.
8. Who were the United Empire Loyalists? In what parts of Canada were their chief settlements?
9. Describe some of the effects produced in Nova Scotia by the war of 1812-14.
10. How does the Government of the Dominion meet its expenses.

3.10 TO 4.10 P. M., FRIDAY, 3RD JULY.

### ENGLISH GRAMMAR.

1. Write in full (a) the declension of the personal pronouns; (b) Distinguish between *proper* and *common* nouns; (c) Write in both numbers, the possessive of: *baby, man, elf, wife, brother-in-law*.
2. Define *conjunction, adverb*. Give the past tense and past participle of: *bite, choose, get, sow, work*. State the various ways in which the *object* may be enlarged.
3. Give the rules for the agreement of a finite verb with its subject, (a) when the subject is a collective noun, (b) when two or more nouns connected by *and, or, or nor*.
4. Parse: "What seems to us but sad funeral tapers, may be heaven's distant lamps."
5. Analyse:
 

"Who all night long, like seers unwearied,  
Lie with their flocks on cliffs storm-riven,  
Reading as did the old Chaldeans,  
The golden runes of mystic heaven."

GRADE X.

9.00 TO 10.00 A. M., WEDNESDAY, 1ST JULY.

ALGEBRA.

(Only five questions to be answered.)

1. Resolve into factors,—
  - (a)  $6x^2 - 9ax + 4bx - 6ab.$
  - (b)  $2m^4 + m^2n^2 - 3n^4.$
  - (c)  $x^2 - y^2 - 2yz - z^2.$
  - (d)  $8ax^3 - az^3.$
  - (e)  $4x^2 - 25y^2 + 2x + 5y.$
2. A train which travels  $a$  miles in  $b$  hours is  $p$  times as fast as a coach. If the coach takes  $m$  hours to cover the distance between two places, how many miles are they apart?
3. Find the highest common factor and the lowest common multiple of  
 $x^2 - 5x + 6, x^2 - 4, x^3 - 3x - 2.$
4. Find the expression whose square is  
 $(2x^2 - xy - 15y^2) (4x^2 - 25y^2) (2x^2 - 11xy + 15y^2)$
5. Solve the equations,—  

$$\frac{x}{m} + \frac{y}{n} = 1, \frac{x}{n} - \frac{y}{m} = 1.$$
6. If a train travelled 5 miles an hour faster it would take one hour less to travel 210 miles: what time does it take?
7. Solve the equation  $x^2 - 3x + 5 = 0.$

10.10 TO 11.10 A. M., WEDNESDAY, 1ST JULY.

LATIN.

1. Decline together *acer bos, idem iter, tota urbs.* Compare *acer, gracilis, superus, idoneus, malus, multus.*
2. Give the principal parts of *sum, ago, rego, lego, cedo, caedo, eo.* Give the rules for gender of Latin nouns as determined by *meaning.* Also the rules for the third declension as determined by *termination.*
3. Translate into Latin: (1) The stories that I told delighted the boys. (2) He thought that the enemy would come the next day. (3) With great joy the boys to-day see their new books. (4) While this was being done (put pronoun in plur., verb in pres.) the seventh legion was sent out to forage.
4. Translate into English: "Tum proelio facto, remiserunt et eius rei culpam in multitudinem contulerunt, et ut ignosceretur propter imprudentiam petiverunt. Caesar questus est quòd bellum sine causâ intulissent; dixit se ignoscere imprudentiae absidesque emperavit." (1.) Parse *contulerunt, questus est.* (2.) Explain how *ignosceretur* is used. Syntax of *imprudentiae*?
5. Translate: "Caesar autem animadvertit hostes, si pellerentur, celeritate periculum effugere posse: quae res superioribus diebus acciderat. Itaque nactus equites circiter triginta quos Commius Atrebas secum transportaverat, legiones in acie pro castris constituit." (1.) Construction of *hostes, of effugere, of posse?* (2.) Syntax of *diebus?* Parse *nactus.*

2.00 TO 3.00 P. M., WEDNESDAY, 1ST JULY.

## ENGLISH LANGUAGE.

(Only five questions to be answered.)

1. Write a short essay on "Empire Day."
2. State, with examples, how the different punctuation marks should be marked.
3. What are the three essential qualities of "style"? Write a short note on each.
4. Narrate briefly how Jason lost his sandal in Anaurus.
5. Describe how Theseus slew the devourers of men.
6. Give a brief abstract of Macaulay's poem, "The battle of Lake Regillus."
7. Quote ten or twelve consecutive lines from "Virginia."

3.10 TO 4.10 P. M., WEDNESDAY, 1ST JULY.

## FRENCH.

1. Translate: Toutes les personnes auxquelles j'avais été recommandé m'ont accueilli avec une grâce et une bonté parfaites; elles se sont donné la peine de me conduire partout; cependant, malgré tout l'embaras que je leur ai causé, elles semblent regretter que je parte si tôt.

(a) Account for the formation of *auxquelles*, and give the nomin. sing. of it. Establish by exs. the difference in the use of *quel* and of *lequel*.

(b) *Que je parte*. Parse and give principal parts of *partir* and give reason for its mood. Translate: I must (impers.) go home. I want you to write a French letter.

2. Translate: Bonjour, voisin Simon. J'aurais aujourd'hui trois ou quatre lieues à faire; ne pourriez-vous pas me prêter votre jument? S.—Je ne demanderais pas mieux, voisin Mathieu; mais c'est qu'il me faut porter trois sacs de blé au moulin tout à l'heure. Ma femme a besoin de farine ce soir.—M.—Le moulin ne va pas aujourd'hui, parce que les eaux sont trop basses.

(a) Principal parts of: *faire* and *pourriez*. Translate: What are you doing? I cannot do what I should do.

(b) *C'est qu'il me faut porter*. Write this sentence (1) using the subjunctive of *porter*; (2) substituting a personal verb for *il faut*.

3. Translate: Il faut être content partout, pourvu qu'on fasse son devoir, et qu'on ait dans le cœur ce qui fait le vrai bonheur des hommes. Bon soir, mon cher petit homme, je vous aime tendrement.

(a) *Qu'on ait*. Parse *que* and *ait*; write down the past def. of *ait*. Mention the disjunctive form of *que* (*interrog.*, *pron.*), and write a sentence with it.

(b) *Tendrement*. Explain the formation of this word, and form *advs.* from *doux*, *joli*, *bon*.

4. Translate:

Un malheureux au monde n'avait rien,  
Hors un barbet, compagnon de misère.  
Quelqu'un lui dit: "Que fais-tu de ce chien,  
Toi qui n'as pas même le nécessaire?  
Plus à propos serait de s'en défaire."  
Le malheureux, à ce mot, soupira;  
Et si je ne l'ai plus, dit-il, qui m'aimera?"

(a) Mention the place of the *Object* in a French sentence: (1) when it is a *pronoun*; (2) when it is a *noun*. Give exs.



(b) Illustrate the difference between : *voici* and its analogous *il y a*. Translate : I wrote to him a fortnight ago.—*Qu'y a-t-il donc ? dites-moi.*

5. Translate : (a) He is going away to-morrow. (b) How much do you owe him ? I owe him nothing. (c) A French lady wrote to her husband, "I write because I have nothing to do, and I end because I have nothing to say." (d) This is the worst weather I have ever seen. (e) Why don't you write to me ?

9.00 TO 10.00 A. M., THURSDAY, 2ND JULY.

GEOMETRY.

(Only five questions to be answered).

1. If a straight line is divided equally and also unequally, the sum of the squares on the two unequal parts is twice the sum of the squares on half the line, and on the line between the points of section.
2. Describe a square that shall be equal to a given rectilineal figure.
3. The angle at the centre of a circle is double of an angle at the circumference, standing on the same arc.
4. Describe a circle of given radius, having its centre on a given straight line, and touching another given straight line.
5. In a right-angled triangle the sum of the squares on the straight lines drawn from the right angle to the points of trisection of the hypotenuse is equal to five times the square on the line between the points of trisection.
6. If a straight line A B is divided internally in medial section at H, prove that the sum of the squares on A B, B H is three times the square on A H.
7. Construct a triangle, having given its three medians.
8. The bisectors of two exterior angles of a triangle and the bisector of the third angle are concurrent.

10.10 to 11.10 a. m., Thursday, 2d July, 1903.

GREEK.

- I. Compare the adjectives *πιστός*, *κενός*, *αισχρός*, *άσφαλής*. Decline together *τὸ μικρὸν δῶρον, ἡ μικρά πηγή, πᾶν τὸ στράτευμα.*
- II. Describe without going into detail the formation of the augment and reduplication, and state their respective meanings or significance. In what tense alone of the Greek verb are both found ? Give the principal parts of *έχω*, and conjugate in full the present tense of *είμι*.
- III. What is the usual construction of the *agent* in Greek ? Express in Greek the italicised words of the sentence. The traitors were killed *by the king*. What construction follows verbs of fearing ? Certain prepositions take only one case. Name these and their respective cases.
- IV. Translate into English : (1) *έν δέ ταίς οικίας ἦσαν ὄρνιθες.* (2) *οί δ' έρώ τῷσι κῆρον έι ἡ ὁδός μακρά έστιν.* (3) *πλοῖον' λαβόντες καί τὰ χρήματα άποπλέονσιν.* (4) *Ξενοφῶντα ἄρχοντα έποσημάμεθα ίνα σωθειμεν.*
- V. Translate into Greek : (1) Clearchus was collecting other soldiers for Cyrus. (2) These soldiers were striking the stranger. (3) Here they remain five days. (4) Hence he marches to the gates of Cilicia.

2.00 TO 3.00 P. M., THURSDAY, 2ND JULY.

## SCIENCE.

(Only five questions to be answered. No more than four out of 1 to 5, and no more than two out of 6 to 8).

1. How is hydrogen usually obtained in the laboratory? How would you prove that it is lighter than air?

2. Describe experiments with carbon dioxide that could be performed in a school laboratory.

3. Given the equation,  $\text{Ca CO}_3 + 2 \text{HCl} = \text{Ca Cl}_2 + \text{CO}_2 + \text{H}_2\text{O}$ , calculate how many litres of carbon dioxide, at the ordinary temperature and pressure would be obtained from one hundred grammes of pure marble. How many grammes of water would be produced?  
Ca=40 C=12 O=16.

4. Nitrous oxide contains nitrogen in addition to oxygen but supports the combustion of a burning splinter almost as well as pure oxygen does. Give as many differences as possible between the two gasses, especially noting such as might be used to distinguish between them if a sample of gas were given you.

5. Tell in words and show by equations where possible what are produced by the action of hydrochloric acid on zinc, gold, copper oxide, caustic soda and manganese dioxide.

6. Describe the structure of the leaf, with special reference to its function in the loss of water from the plant; or,

Tell what you know about any two of the following: Magnetite, Gypsum, Tripolite, Gneiss.

7. Write notes on any two of the following, in either *a* or *b*: (*a*) Aphides, Cabbage Butterfly, Borers, Scale Insects, Codling Moth; (*b*) origin of stratified rocks, of eruptive rocks, of vein rocks, of soils.

8. Show what you know about any two of the following, in either *a* or *b*: (*a*) Dairy cattle, the shoeing of a horse, the breeds of sheep, the useful birds, forest culture, honey-making; (*b*) the folding of strata, igneous agencies in geology, textures of rocks, phenomena caused by lateral vertical pressures, crystalline forms and systems.

3.10 TO 4.10 P. M., THURSDAY, 2ND JULY.

## GERMAN.

1. Translate: Karl. Ich bitte, liebe Tante, erzähl' mir doch noch einmal vom frommen Kind, 's ist gar zu schön.—Marie. Erzähl' du mir's, kleiner Schelm, da will ich hören, ob du achtgibst.—Karl. Warte ein bißchen, ich will mich bedenken—Es war einmal—ja, es war einmal ein Kind.

(a.) Vom frommen Kind. Explain construction of vom. Mention analogous forms.

(b.) Case, gender, number of Kind? Decline: frommen Kind in the 4 cases sing. and plural.

(c.) Certain prepositions govern two cases? Enumerate the prepositions and indicate the cases; when do they require the *one*, when the *other* case? Give illustrations.

2. Translate: Eines Tages saß nicht weit von uns ein Fremder, der durch sein eigentümliches Haar auffiel. Wir stritten darüber, ob er eine Perücke trage, oder nicht? Da man nicht darüber einig wurde, schlugen zwei von uns eine Wette um zwei Flaschen Champagner vor.

(a.) Ein Fremder. Account for the inflection *er* in this word.

(b.) The adjective, in certain cases, remains *uninflected*; explain and translate: The weather is cold.—Her cousin is a young lady handsome and rich.—Der Brief ist gut geschrieben.

3. Translate: Ein deutscher Soldat, der auf Vorposten stand, wurde in einer dunkeln Nacht unversehens vom Feinde überfallen, entwaffnet und gefangen genommen. Sie nahmen ihn in die Mitte, richteten die Bajonete auf ihn und geboten ihm, sie sogleich auf das Lager zuzuführen.

(a.) Give principal parts of stand; why is it at the end of the clause?

(b.) Wurde. Parse this word, and write the present tense of the Indicative of it.

(c.) Establish the difference between: Der Brief wurde geschrieben, and Der Brief war geschrieben.

4. Translate: Der berühmte General Wallenstein pflegte als Knabe mit seinen Schulkameraden Soldat zu spielen. Dabei mußte er aber immer kommandieren. Einmal sagte jemand zu ihm. „Du benimmst dich, als wenn du ein Fürst wärest.“ „Was nicht ist,“ antwortete der stolze Knabe, „das kann noch werden.“

(a.) Das kann noch werden. Parse das; illustrate its use as; (1) an article; (2) a relative pronoun.

5. Translate: (a.) The air has become cold. (b.) Your brothers are more industrious than ours. (c.) It is getting dark. (d.) If I were a rich man, I should go to Germany. (e.) The richest people are not always the happiest. (f.) Much has been said; but more has been done.

9.00 TO 10.00 A. M., FRIDAY, 3RD JULY.

ARITHMETIC.

(Only five questions to be answered).

1. What sum must be invested in U. S. 4's at  $121\frac{1}{4}$ , brokerage at  $\frac{1}{2}\%$ , to secure an annual income of \$900?
2. A commission merchant sold a consignment of fruit in Halifax for \$960, and after deducting his commission of  $4\%$ , he purchased a sight draft on New York at  $\frac{1}{2}\%$  premium. What was the face of the draft?
3. A cistern has three pipes, two of which can fill it in 5 and 6 hours respectively, while the third can empty it in four hours; if the three pipes be opened when the cistern is empty, how long will it take to fill it?
4. A man left two-fifths of his money to his elder son, and one-third of it to his brother, and the remainder to his daughter. The elder son received \$2000 more than his sister. How much did each receive?
5. Find the amount and present worth of an annuity of \$400 for three years, at  $5\%$  compound interest.
6. Find the cost of constructing a path 10 feet wide, around a circular pond 150 feet in diameter, a margin 3 feet wide to be left between the path and pond, and the cost per square yard to be 75 cents.

10.10 TO 11.10 A. M., FRIDAY, 3RD JULY.

**DRAWING AND BOOK-KEEPING.**

(The candidate is to answer three questions from one group, (A or B), and two questions from the other)

**GROUP A.**

1. State and explain a few of the rules for journalizing.
2. What do the Dr. and the Cr. sides respectively, of Bills Receivable Account, represent? What proves the account correct?
3. Journalize the following transactions: (a) You buy a house for \$4000, for which you give a cheque on the Union Bank for \$2000, your notes for 3 and 6 months for \$1400, and a note which you hold against Fred Smith for \$600. (b) You ship mdse to John Jones, Halifax, to be sold on your account, \$900, and pay freight on the same in cash \$20.
4. Write in your neatest hand a Letter of Credit.

**GROUP B.**

1. Three lines, O A, O B, O C, are drawn from the point O, making equal angles with each other. If the length of O A is 215 inches, of O B 259 inches, and of O C 307 inches, a) What will be the length of the sides of the triangle A B C, and (b) What will be its area?
2. Show the necessary projection of a square card, 1 inch in diameter, placed at an angle of  $60^\circ$  to the vertical plane of projection, with an edge parallel to the horizontal plane of projection.
3. Let a chair be placed on its side on the teacher's desk, in the examination room, and in parallel perspective to a person in the centre of the room. Represent it by a drawing in this position as seen from each candidate's point of view.
4. Sketch in outline, a boy running, or a gateway opening into a tree-lined road, or a man arranging a chemical experiment on a desk, or a face.
5. Name the 18 prismatic colours, or give a specimen of any kind of drawing which you have been doing, graphics, working drawings for woodwork, etc.

2.00 TO 3.00 P. M., FRIDAY, 3RD JULY.

**GEOGRAPHY AND HISTORY.**

(Only five questions to be answered; not more than three from either A or B.)

**A.**

1. Explain the cause of the *change of seasons*, illustrating by a diagram.
2. Mention in order the six rivers of the world which you regard as most important in their relation to commerce, with reasons fully stated.
3. Describe the physical features, political divisions and government of British India.
4. Name the waters through which you would pass in sailing from Moncton, New Brunswick, to Grand Manitoulin Island, Ontario.
5. *The Chinese Empire*—(a) Political divisions and chief cities, (b) physical features, (c) agricultural products, (d) inhabitants, their religion and civilization.

**B.**

6. What English Sovereigns took part in the Crusades? Describe any event connected with these wars.

7. Sketch the character of any two of the following: William the Conqueror, John, Henry VII, Charles I, William III, George IV.
8. Give a brief account of the Crimean War or of the Indian Mutiny.
9. Explain: Druidism, Heptarchy, Curfew, Feudal System, Interdict, Lollards, Monopoly, Cabal.
10. Narrate briefly the chief events in the Peninsula War.

3.10 TO 4.10 P. M., FRIDAY, 3RD JULY.

**ENGLISH GRAMMAR.**

1. The Pronoun *that*, its uses and limitations. Explain *Subjective Complement*.
2. Classify Adverbs: (1) according to their force in a sentence, (2) in respect to their meaning; give illustrative sentences.
3. State the varied uses of the Infinitive, and explain the term *Cognate Objective*.
4. Analyze:—  
 "Where lives the man that has not tried  
 How mirth can into folly glide,  
 And folly into sin."
5. Parse the words in italics in the following:—  
 "So like a shattered column lay the King."  
 "The age of chivalry is gone."  
 "What a falling off was there."  
 "Talkest thou to me of ifs?"

**GRADE XI.**

9.00 TO 10.00 A. M., WEDNESDAY, 1ST JULY.

**ALGEBRA.**

(Only five questions to be answered).

1. Factor the following expressions,—

(a)  $x^3 - 8y^3 - 27 - 18xy.$

(b)  $\frac{x^6}{125} + y^6.$

(c)  $x^7 + x^4 - 16x^3 - 16.$

2. Find the sixth root of

$$\left(x_3 - \frac{1}{x_3}\right)^2 - 6\left(x - \frac{1}{x}\right) \left(x^3 - \frac{1}{x_3}\right) + 9\left(x - \frac{1}{x}\right)^2.$$

3. Find the condition that  $x^4 + px^3 + qx^2 + rx + s$  may be a perfect square.

4. If a rational integral expression involving  $x$  becomes equal to zero when  $a$  is written for  $x$ , it will contain  $x - a$  as a factor. Prove this theorem and use the result in factoring the expression,

$$x^3 + 3x^2 - 13x - 15.$$

5. (a) Find the square root of  $\sqrt{32} - \sqrt{24}$ .  
 (b) Solve the equation,  $2\sqrt{3-7x} - 3\sqrt{8x-12} = 0$ .
6. The arithmetic mean between two numbers is to the geometric mean as 5 to 4, and the difference of their geometric and harmonic means is  $\frac{4}{5}$ : find the numbers.
7. Show that if  $x$  is real the expression  $\frac{x^2-15}{2x-8}$  cannot lie between 3 and 5.
8. (a) Find the square root of 1985579 in the scale of eleven.  
 (b) Find the greatest coefficient in the expansion of  $(1+x)^n$ , when  $n$  is even.

10.10 TO 11.10 A. M., WEDNESDAY, 1ST JULY.

### LATIN COMPOSITION.

1. Decline in the Singular, *animal, caro, deus, turris*. Decline together in both numbers *idem dies*. Give the other degrees of Comparison of *imius, preior, diu, senex, humilis, levissime*.

2. Give the first person singular future indicative and imperfect subjunctive of the verbs, *sto, labor, morior, parvo, pario, nascor*. What is meant by *oratio obliqua*? Explain the rules for moods of verbs occurring in it. Specify the prepositions governing the ablative.

3. Explain fully the cases for names of towns in which events occur. Indicate briefly the different ways in which the infinitives in the following sentences would be represented in Latin: (1) He marched out *to attack* the enemy. He gave his sword to the smith *to mend*. (3) I do not know him *to do this*. (4) *To suffer* is better than *to inflict*.

4. Translate into Latin: (1) Many use riches very badly. (2) He shewed that he would stop them if they attempted to employ force. (3) The Helvetians sent to him an ambassador concerning surrender. (4) Ambassadors were sent by the Romans to seek peace.

5. Translate into Latin: (1) He was born at Athens; he died at Rome in his twentieth year. (2) When this had been announced to Caesar, he hastened into Gaul by forced marches. (3) On the next day Caesar gave the enemy a chance for fighting. (4) I hope that I shall see you in a few days.

2.30 TO 3 00 P. M., WEDNESDAY, 1ST JULY.

### ENGLISH LANGUAGE.

(Only five questions to be answered).

1. Give a brief account of the life of Byron.
2. Give an analysis of "Childe Harold's Pilgrimage," Canto I.
3. Explain the following :--
  - (1.) "Light Eros finds a feere."
  - (2.) "Shent with Egypt's plague"
  - (3.) "Brittania sickens, Cintra! at thy name."
  - (4.) "The bale-fires flash on high."
  - (5.) "No more beneath soft Eve's consenting star  
Fandango twirls his jocund castanet."
  - (6.) "Scarce would you deem that Saragoza's tower  
Beheld her smile in Danger's Gorgon face"
  - (7.) "While on the gay dance shone Night's lover-loving Queen."

4. How does Macaulay sum up Thackeray's life of Pitt? What opinion does he express of it?

5. To what, in Macaulay's opinion, did Pitt owe the great influence which he exercised over the House of Commons?

6. What contrast does Macaulay draw between Pitt and Fox?

7. Give a brief extract of Macaulay's "Virginia," or, of Kingsley's "Theseus."

3.10 TO 4.10 P. M., WEDNESDAY, 1ST JULY.

**FRENCH.**

1. Translate: Le 1er Octobre, tandis que Jean-Paul était dans un dory, occupé avec un seul camarade à relever les lignes, un coup de vent subit emporta l'embarcation loin des bouches. Jean-Paul et son compagnon cherchèrent vainement à rallier le bord; ils s'aperçurent bientôt avec terreur qu'ils étaient perdus dans la brume, égarés en pleine mer.

(a) Why is *perdus* written with an "s"? How do you determine the agreement of the past part. of reflexive verbs? Translate for exs.: They (fem.) have *seen* each other. They have *written* to one another.

(b) *My* head aches *His* hair is black. She has broken (reflex.) *her* arm; translate these sentences, and state which word in French takes the place of the English *possess. adj.*

2. Translate: C'est l'érable à sucre, un de nos arbres les plus précieux. Au mois d'Avril on perce, à un mètre cinquante de terre, deux trous dans le tronc de l'érable et on fait dans son écorce une ou deux incisions. Un tube placé dans chacune de ces incisions canalise la sève sucrée et la déverse dans des augets, placés au pied de l'arbre.

(a) *L'érable à sucre.* When do you use *de* between two nouns? translate for exs.: I have a gold watch. He gave him a blow with his fist.

(b) Distinguish between: Une bouteille *de* vin and une bouteille à vin. Un ouvrage d'artiste and un ouvrage *de* l'artiste.

3. Translate: Voyons, dites-moi comment s'appelait la France autrefois?—Elle s'appelait la Gaule. Est-ce que les pays changent toujours de nom?—Pas toujours, mais surtout quand le pays devient grand, il s'allie à d'autres pays.—C'est comme les femmes, elles changent de nom quand elles deviennent grandes, et se marient, n'est-ce pas?

(a) *Dites-moi.* Write the negative of this, and explain change of construction.

(b) *Pas toujours,* Why is the *ne* omitted in this clause? In what cases may *pas* be elided? Translate for exs.: He dare not tell the truth. This man is richer than I thought.

4. Translate: Rosalie! tournez mon oreiller, s'il vous plait.—Je viens de le tourner.—Mais il est brûlant. Vous êtes bien rouge, Bébé, voulez-vous boire?—Je veux manger une glace au citron.—Il n'y a pas de glace à cette heure-ci; voulez-vous boire de la limonade—Oui.—Maintenant tâchez de dormir.

(a) *Je viens de le tourner.* Principal parts of *viens*? Distinguish between: Il vint me le dire and Il vint pour me le dire. Translate: Do not soil your paper. Give illustrations of the idiomatic tenses formed with *devoir*.

5. Translate: (a) I cannot tell you where he lives (b) Do you know whether he has gone abroad? (c) I do not know the person of whom you speak. (d) Whatever you do, do it well. (e) The wise man knows more than he speaks; but the fool speaks more than he knows.

4.15 to 5.15 p. m., Wednesday, 1st July, 1903.

## XENOPHON: (ANAB., BOOK IV.)

Τῶν δὲ βαρβάρων φόβος πολὺς καὶ ἄλλοις, καὶ ἣ τε Κίλισσα ἔφυγεν ἐκ τῆς ἄρμα-  
μάξης καὶ οἱ ἐκ τῆς ἀγορᾶς καταλιπόντες τὰ ὄνια ἔφυγον· οἱ δὲ Ἕλληνες σὺν γέλωτι  
ἐπὶ τὰς σκηνὰς ἦλθον. ἣ δὲ Κίλισσα ἰδοῦσα τὴν λαμπρότητα καὶ τὴν τάξιν τοῦ στρα-  
τεύματος ἐθαύμασε. Κύρος δὲ ἤσθη τὸν ἐκ τῶν Ἑλλήνων εἰς τοὺς βαρβάρους φόβον  
ιδῶν.

Parse ἔφυγον, ἦλθον, ἤσθη.

Ἐπύαξα δὲ ἡ Ξεννέσιος γυνὴ προτέρα Κύρου πέντε ἡμέραις εἰς Ταρσοὺς ἀφίκετο.  
ἐν δὲ τῇ ὑπερβολῇ τῶν ὄρων εἰς τὸ πεδῖον δύο λόχοι τοῦ Μένωνος στρατεύματος ἀπώ-  
λοντο· οἱ μὲν ἔφασαν ἀρπάζοντάς τι κατακοπῆναι ὑπὸ τῶν Κιλικίων, οἱ δὲ ὑπολει-  
φθέντας, καὶ οὐ δυναμένους εὐρεῖν τὸ ἄλλο στρατεύμα οὐδὲ τὰς ὁδοὺς, εἶτα πλανωμένους  
ἀπολέσθαι· ἦσαν δ' οὖν οὗτοι ἑκατὸν ὀπλίται.

(1) Parse κατακοπῆναι, εὐρεῖν, ἀπολέσθαι.

(2) Account for case of ἡμέραις.

Οἱ δὲ ποιήσαντες ἐκκλησίαν ἀπήγγελλον ταῦτα· οἱ δὲ στρατιῶται ἐχαλέπαινον  
τοῖς στρατηγοῖς καὶ ἔφασαν αὐτοὺς πάλαι ταῦτ' εἰδότας κρύπτειν· καὶ οὐκ ἔφασαν ἰέναι  
ἐὰν μὴ τις αὐτοῖς χρήματα δίδῃ, ὥσπερ καὶ τοῖς προτέροις μετὰ Κύρου ἀναβάσι παρὰ  
τὸν πατέρα τοῦ Κύρου· καὶ ταῦτα οὐκ ἐπὶ μάχην ἰόντων, ἀλλὰ καλοῦντος τοῦ πατρὸς  
Κύρου.

(1) Explain the genitives ἰόντων and πατρὸς.

(2) Parse εἰδότας and ἀναβάσι.

“Κλέαρχε καὶ Πρόξεγε καὶ οἱ ἄλλοι οἱ παρόντες Ἕλληνες, οὐκ ἴστε ὃ τι ποιεῖτε. εἰ  
“γὰρ τινα ἀλλήλοις μάχην συνάψετε, νομίζετε ἐν τῇδε τῇ ἡμέρᾳ ἐμέ τε κατακεκόψεσθαι  
“καὶ ὑμᾶς οὐ πολὺ ἔμοῦ ὕστερον· κακῶς γὰρ τῶν ἡμετέρων ἐχόντων, πάντες οὗτοι οὓς  
“ὄρατε βάρβαροι πολεμιώτεροι ἡμῖν ἔσονται τῶν παρὰ βασιλεῖ ὄντων.”

(1) Parse ἴστε and κατακεκόψεσθαι.

(2) Syntax of ἔμοῦ and τῶν ὄντων.

εἰ δὲ τινα ὄρη δεινὸν ὄντα οἰκονόμον ἐκ τοῦ δικαίου καὶ κατασκευάζοντά τε ἦς  
ἄρχοι χώρας καὶ προσόδους ποιοῦντα, οὐδένα ἂν πώποτε ἀφείλετο, ἀλλ' αἰεὶ πλείω προ-  
σεδίδου· ὥστε καὶ ἡδέως ἐπόνου καὶ θαρραλέως ἐκτῶντο καὶ ὃ ἐπέπατο αὐτὸς ἡκιστα  
Κύρον ἐκρυπτεν· οὐ γὰρ φθονῶν τοῖς φανερώς πλουτοῦσιν ἐφαίνετο, ἀλλὰ πειρώμενος  
χρηῆσθαι τοῖς τῶν ἀποκρυπτομένων χρήμασι.

(1) ὁμῶς. Parse. Give uncontracted form.

(2) Syntax of χρήμασι.

9 00 TO 10.00 A. M., THURSDAY, 2ND JULY.

## GEOMETRY.

(Only five questions to be answered.)

1. On a given straight line describe a segment of a circle which shall contain an angle equal to a given angle.
2. Circumscribe a square about a given circle.
3. If two triangles be equiangular to one another, the sides about the equal angles shall be proportionals, those sides which are opposite to equal angles being homologous.



4. Divide a given straight line into two parts, so that the sum of the squares on the segments may be a minimum.
5. Construct a triangle having given the base, the vertical angle and the difference of the remaining sides.
6. Describe a circle to intercept equal chords of given length on three given straight lines.
7. Two given circles have external contact at A, and a direct common tangent is drawn to touch them at P and Q; show that P Q subtends a right angle at the point A.

10.10 TO 11.10 A. M., THURSDAY, 2ND JULY.

LATIN.—(Caesar and Vergil.)

1. Translate :

Moribus suis Orgetorigem ex vinculis causam dicere coegerunt; damnatum poenam sequi oportebat, ut igni cremaretur. Die constituta causae dictionis Orgetorix ad iudicium omnem suam familiam, ad hominum milia decem, undique coegit et omnes clientes obaeratosque suos, quorum magnum numerum habebat, eodem conduxit; per eos, ne causam diceret, se eripuit.

Account for cases of *damnatum* and *poenam*.

2. Dumnorix gratia et largitione apud Sequanos plurimum poterat et Helvetiis erat amicus, quod ex ea civitate Orgetorigis filiam in matrimonium duxerat, et cupiditate regni adductus novis rebus studebat et quam plurimas civitates suo beneficio habere obstrictas volebat.

(1) Explain case of *rebus*. (2) Give expressions for "to marry," as spoken of a man and woman respectively.

3. Ita sive casu sive consilio deorum immortalium, quae pars civitatis Helvetiae insignem calamitatem populo Romano intulerat, ea princeps poenas persolvit. Qua in re Caesar non solum publicas, sed etiam privitas iniurias ultus est, quod eius soceri L. Pisonis avum, L. Pisonem legatum, Tigurini eodem proelio, quo Cassium, interfecerant.

(1) Parse *ultus est*. (2) By what verb is *Cassium* governed?

4. hic incredibilis rerum fama occupat aures,  
Priamiden Helenum Graias regnare per urbes,  
coniugio Aeacidae Pyrrhi sceptrisque potitum,  
et patrio Andromachen iterum cessisse marito.  
obstupui, miroque incensum pectus amore  
compellare virum et casus cognoscere tantos.

(1) Account for case of *coniugio*. (2) Write an explanatory note on fourth line of extract.

5. haud segnis strato surgit Palinurus et omnes  
explorat ventos atque auribus aera captat;  
sidera cuncta notat tacito labentia caelo,  
Arcturum pluviasque Hyadas geminosque Triones,  
armatumque auro circumspicit Oriona.  
postquam cuncta videt caelo constare sereno,  
dat clarum e puppi signum: nos castra movemus  
temptamusque viam et velorum pandimus alas.

(1) aera. Explain peculiarity of form. (2) Scan and prove quantity of last line but one.

2 00 TO 3.00 P. M., THURSDAY, 2nd July.

**PHYSICS.**

(Only five questions to be answered).

1. If a glass globe of one litre capacity is weighed on a sensitive balance a difference of over a gramme is found between the globe when exhausted and when it is open to the air. A collapsible rubber bag of the same capacity shows no difference in weight between the full and empty condition. Explain fully why such is the case.

2. (a) Distinguish clearly between *mass* and *weight*. (b) If the gravitational attraction between two bodies whose masses are respectively 25 and 8, is 16 units when the distance between their centres of gravity is 10, find the attraction between the same two bodies when the distance between their centres of gravity is 12.

3. Describe apparatus and experiments by which the pressure of a liquid could be compared (a) at various depths and (b) in various directions at the same depth.

4. Describe the aneroid barometer and explain how by its use the height of a mountain above any given point may be determined.

5. Define *stable*, *unstable* and *neutral* equilibrium and give an example of each.

6. If a body is acted upon by a force which produces in it a uniform acceleration of 2 feet per second per minute, find how far it will move from rest in 5 minutes.

7. Distinguish between the terms *temperature* and *quantity of heat* and define *radiation*, *conduction* and *convection*.

8. State clearly why you would expect a loss of energy to occur when impure zinc is used for the positive element of a voltaic cell. When impure zinc is used, how can the waste be lessened? Explain any case of electric induction.

9. (a) What evidence can you present in support of the wave theory of sound? (b) What is an optical prism? Explain, with the aid of a diagram, the course of a ray of light through a prism.

3.10 TO 4.10 P. M., THURSDAY, 2ND JULY.

**GERMAN.**

1. Translate: Die ganze Nacht hindurch arbeitete der Schmeid, und wenn er so mit dem großen Hammer das Eisen zusammenschlug, sprach er bei jedem Schlag: „Landgraf, werde hart! Landgraf, werde hart wie dies Eisen!“ und schalt ihn, und sprach weiter: „Du böser, unglücklicher Herr! was nützezt du mit deinem Leben den armen Leuten?“

(a.) Parse and give principal parts of *zusammenschlug* and *sprach*. Explain the nature, giving illustrations, of *separable* verbs. Transl.: The man went out. When he went out, the people rose.

(b.) How do you form the German *Future*? Transl. for ex.: I shall write a German letter to-morrow.

2. Translate: Jetzt blieben alle Leute stehen. Keiner ging vorüber. Alle lauschten atemlos den wundervollen Tönen und Melodien. Immer größer wurde der Kreis der Zuhörer. Wie es aber um die Sache stand, und was der vornehme Geiger eigentlich beabsichtigte, erkannte jedermann.

(a.) To what class of conjunctions do *aber* and *wenn* belong? What kind of clauses do they respectively connect? Analyse the sent.: Wenn er spielt, so hören Alle zu.

(b.) What German conjunctions does "when" correspond with? Write three sentences in illustration.

3. Translate: „Auch! lieber Herr," rief die Alte, „ich kann euch dieses Geldstück nicht wechseln, denn ich habe leider seit drei Tagen nichts eingenommen." — „Laßt es nur gut sein, Mütterchen," versetzte der Unbekannte. „Ich bin freilich nur ein armer Teufel.

(a.) Illustrate the difference between: denn and dann.

(b.) What is meant by: the *normal* order; the *inverted* order; the *transposed* order? Illustrate each form by a German sentence?

4. Translate: (a.) Do you know what he said? (b.) I do not know the book you are speaking of. (c.) This man knows several languages. (d.) As he could not come, he wrote me a long letter. (e.) He speaks as he thinks.

5. Translate: Endlich hatte sich die tiefe Dämmerung auf das Thal gelegt — hie und da leuchtete schon manches Feuer auf, das in der Nachbarschaft, angezündet worden war, und wir schickten uns auch an, unser Osterfeuer abzubrennen.

(a.) In what respect does the construction of the sentence: Endlich . . . gelegt differ from the English? Why?

(5.) Abzubrennen. Give principal parts of this verb, and account for the participle ζυ. Translate: I have something to tell you.

4.15 to 5.15 p. m., Thursday, 2d July, 1903.

GREEK COMPOSITION.

I. Decline together in the singular οἶτος ὁ βασιλεύς. Give the genitive singular of κύων, the accusative singular of πατήρ, and the dative plural of ἀνὴρ and γωνή.

II. Distinguish between the meanings of ἀπτός in the following expressions: ὁ αὐτός ἀνὴρ, αὐτὸς ὁ ἀνὴρ, and αὐτὸς ἔφη. What are the chief uses of the genitive case?

III. Explain fully the use and formation of the augment. Give principal parts of the following verbs: ἔρχομαι, βάλλω, δείκνυμι, ἀποθνήσκω, ἀποβαίνω, ἄγω, ἀγγέλλω.

IV. Translate into Greek: (1) In this park were wild beasts. (2) They said that the river had never been fordable (capable of being crossed on foot) but then. (3) Cyrus called together his generals and said: (4) These came to him at Sardis.

V. Translate into Greek: (1) Hence he marches three stages, thirty parasangs. (2) And already it was mid-day. (3) But do you first express your opinion. (4) Let us march (keep on marching) through the plain.

9.00 TO 10.00 A. M., FRIDAY, 3RD JULY.

**PRACTICAL MATHEMATICS.**

(Only five questions to be answered).

1. An angle increases gradually from  $0^\circ$  to  $90^\circ$ ; trace the corresponding changes in each of its six functions, giving the limiting values of each.

2. In any triangle, if  $A$ ,  $B$  and  $C$  denote the angles, and  $a$ ,  $b$  and  $c$  the sides respectively opposite to  $A$ ,  $B$  and  $C$ , prove that  $\frac{c+a}{c-a} = \frac{\tan \frac{1}{2}(C+A)}{\tan \frac{1}{2}(C-A)}$ .

3. How may the distance between two objects be found when the angles formed at each of them by lines drawn to the other, and to two given stations, are known, the distance between the stations also being known? Illustrate by a diagram.

4. A ship sails north-easterly from a point in Lat.  $44^\circ 45'$  to a point in Lat.  $55^\circ 25'$  until its Departure becomes 520 miles. Find the Course and the distance sailed. Explain the Log and its use.

5. (a) Express the area of a rectangle, whose length is twice as great as its breadth, in terms of its diagonal. (b) The radius of a circle circumscribing an equilateral triangle is 25 inches. What is the area of the triangle?

6. Two parallel planes divide a ball, whose diameter is 12 inches, into three segments of equal thickness; find the number of cubic inches in any one of the segments you choose.

7. A safe weighing 1500 pounds is to be raised 5 feet by an inclined plane; the greatest power that can be applied is 250 pounds parallel to the plane; neglecting friction, what is the shortest plane that can be used?

8. What is the mean velocity of a body projected vertically downwards with a velocity of 80 feet per second during the first 5 seconds of descent?

10.10 TO 11.10 A. M., FRIDAY, 3RD JULY.

**PHYSIOLOGY.**

(Only five questions to be answered)

1. Describe briefly in order the parts of the auditory organ.

2. What are the distinctive effects of the frequent use of opiates and of chloral?

3. Describe fully an experiment by which you would show to a class the different parts and tissues of the brain.

4. Describe the structure and functions of the respiratory apparatus.

5. Describe lymph and the lymphatic vessels.

6. Describe fully how the muscles are to be kept in a healthy condition or write a note on *Oxidation in the body*.

7. Make a drawing, showing the attachments of the biceps muscle and how the elbow joint is flexed when the muscle contracts.

2.00 TO 3.00 P. M., FRIDAY, 3RD JULY.

**GEOGRAPHY AND HISTORY.**

(Only *five* questions to be answered.)

1. Explain briefly the following: The Achæan, Hanseatic and Lombard leagues; Pragmatic Sanction; Ostracism; Reign of Terror; Hegira; Jacobite.
2. Relate the story of the founding of Rome.
3. Give a brief account of the Peloponnesian War
4. Name the chief events in the reign of Charles V.
5. Give a brief account of any two of the following: Pisistratus; Pompey; Mahomet; Peter the Great; Victor Emanuel; Saladin.
6. State the cause, chief events and results of the war of the Spanish Succession.
7. Mention the principal events in European history during the reign of the late Queen Victoria.

3 10 TO 4.10 P. M., FRIDAY, 3RD JULY.

**ENGLISH GRAMMAR.**

1. What is mood in Verbs? Give sentences illustrating the uses of the different moods, and give reasons for including or excluding the Infinitive.
2. In English almost any part of speech may be used as any other part of speech. Illustrate as fully as you can.
3. Sketch the successive stages of development in Middle English up to the end of the 15th century.
4. Give a brief account of the life and writings of either Dryden, Burns, or Longfellow.
5. Analyze, and parse the words in italics:—  
*“ Now stir the fire, and close the shutters fast,  
 Let fall the curtains, wheel the sofa round,  
 And while the bubbling and loud hissing urn,  
 Throws up a steamy column, and the cups  
 That cheer but not inebriate, wait on each,  
 So let us welcome peaceful evening in.”*

**GRADE XII.**

9.00 TO 10.00 A. M., MONDAY, 29TH JUNE.

**ROMAN HISTORY.**

(Only *five* questions to be answered.)

1. (a) name the races of ancient Italy. (b) Briefly describe the changes made by Servius Tullius in the constitution of the Roman state.
2. (a) Tell the story of Coriolanus, (b) State what you know of the Laws of the Twelve Tables.

3. (a) Give some account of Carthage. (b) How did Rome become embroiled with that city? What wars followed? Dates of these wars?
4. Describe the duties of the Censors. How often were they appointed and how long did they hold office?
5. (a) Give a brief account of Cato Major. (b) Of the Numantian war.
6. (a) How did the war with Jugurtha originate? Its result? (b) To what peril was the Roman Republic exposed in the years 102 and 101 B. C.?
7. Assign historical events to these dates—510, B. C., 494 B. C., 390 B. C., 321 B. C., 281 B. C., 202 B. C.

10.10 TO 11.10 A. M., MONDAY, 29TH JUNE.

### CHEMISTRY.

(Only five questions to be answered.)

[Answers should give chemical equations representing all the definite reactions.]

1. Water is said to dissolve sugar, and sulphuric acid is said to dissolve zinc. What are the differences in the two cases? To which of these is the solubility of iodine in caustic potash similar, to which its solubility in alcohol? what is in solution when ferrous sulphide is acted on by sulphuric acid.
2. Compare the metals of the calcium group and their compounds.
3. Describe as fully as you can in the time, how any one of the following is obtained from the ore: (a) lead or (b) copper or (c) iron.
4. Why is  $H_2O$  used as the formula of water with the atomic weight  $O=16$  rather than  $HO$  with atomic weight  $O=8$ .
5. A U-tube closed at one end is partially filled with a solution of sulphuric acid (S. G. 1.5) and a quantity of air is imprisoned in the closed branch. At one time it is observed that the difference in level of the acid in the two arms is 100 mm., being higher in the closed one. At the same time the temperature of the imprisoned air is observed to be  $18^\circ C$ , and the barometer outside to be 750 mm. of mercury. If the volume of the air in the tube was 10cc. when these observations were taken, find its volume when difference of level of the acid is 150 mm., temperature  $21^\circ C$ , and barometer 740 mm. (S. G. of Mercury=13.6).
6. Discuss liquid air.
7. What is obtained when sulphuric acid acts on zinc, on iron, on copper, on sugar, on oxalic acid, on alcohol? Give if you can the conditions of strength of acid and of temperature.

11.15 to 12.15 a. m., Monday, 29th June, 1903.

LUCIAN: (VERA HISTORIA.)

I. Translate: ἐπτά δὲ ἡμέρας καὶ τὰς ἴσας νύκτας ἀεροδρομίσαντες ὀγδόῃ καθωρῶ-  
μεν γῆν τινα μεγάλην ἐν τῷ ἄερί, καθάπερ νῆσον, λαμπρὰν καὶ σφαιροειδῆ καὶ φοιτὴ  
μεγάλῳ καταλαμπομένην. προσενεχθέντες δ' αὐτῇ καὶ ὀρμισάμενοι ἀπέβημεν. ἐπι-  
σκοποῦντες δὲ τὴν χώραν εὐρίσκομεν οἰκουμένην τε καὶ γεωργουμένην. ἡμέρας μὲν οὖν  
οὐδὲν αὐτόθεν καθωρῶμεν.

(1) Constructions of ἡμέρας and ὀγδόῃ? (2) Parse καθωρῶμεν. Point out  
peculiarity in formation.

II. Translate: καὶ μὴν καὶ ἄλλο θαῦμα ἐν τοῖς βασιλείοις ἔθεισάμην. κάτοπτρον  
μέγιστον κείται ὑπὲρ φρέατος οὐ πάνυ βαθέος. ἂν μὲν οὖν εἰς τὸ φρέαρ καταβῆ τις,  
ἀκούει πάντων τῶν παρ' ἡμῖν ἐν τῇ γῆ λεγομένων. εἰ δὲ εἰς τὸ κάτοπτρον ἀποβλέψῃ,  
πάσας μὲν πόλεις πάντα δὲ ἔθνη ὄρα, ὥσπερ ἐφεστῶς ἐκάστωι. τότε καὶ τοὺς οἰκείους  
ἐγὼ ἔθεισάμην καὶ πᾶσαν τὴν πατρίδα.

(1) Give corresponding comparative and superlative forms for βαθέος. (2) Parse  
ἐφεστῶς.

III. Translate: οὗτοι δὲ ὡς εἶδον τὰ γινόμενα, διαδράντες ἐκ τῶν βραγχίων ἀφῆ-  
καν αὐτοὺς εἰς τὴν θάλατταν. ἡμεῖς δὲ τὴν χώραν ἐπελθόντες, ἔρημον ἤδη οὖσαν τῶν  
πολεμίων, τὸ λοιπὸν ἀδεῶς κατωκοῦμεν, τὰ πολλὰ γυμνασίους τε καὶ κνηγεσίοις χρώ-  
μενοι καὶ ἀμπελουργοῦντες καὶ τὸν καρπὸν σιγκαμοζόμενοι τὸν ἐκ τῶν δένδρων. καὶ  
ὅλως ἐφκειμεν τοῖς ἐν δεσμοτηρίῳ μεγάλῳ καὶ ἀφύκτῳ τρυφῶσι καὶ λελυμέοις.

(1) Parse εἶδον, διαδράντες, ἀφῆκαν. (2) Account for cases of λοιπὸν and γυμνα-  
σίους.

IV. Translate: αὐτῇ μὲν οὖν ἡ πόλις πᾶσα χρυσοῦ, τὸ δὲ τεῖχος περικείται σμαρά-  
γδων. πύλαι δὲ εἰσὶν ἐπτά, πᾶσαι μονόξυλοι κινναμώμιοι. τὸ μέντοι ἔδαφος τῆς  
πόλεως καὶ ἡ ἐντὸς τοῦ τείχους γῆ ἐλεφαντίνη. ναοὶ δὲ πάντων θεῶν βηρύλλου  
λίθου φηκοδόμημένοι.

(1) If αὐτῇ were changed to αὐτῇ how would the meaning be affected? (2) to  
ἔδαφος . . . τῆς πόλεως. What other arrangement of words is possible?

V. Translate: πρῶτον δὲ βούλομαι περὶ τῆς πόλεως εἰπεῖν, ἐπεὶ μὴδ' ἄλλῳ τινὶ  
γέγραπται περὶ αὐτῆς. ὃς δὲ καὶ μόνος ἐπεμνήσθη Ὀμηρος οὐ πάνυ ἀκριβῶς συνέγραψε.  
κύκλω μὲν περὶ πᾶσαν αὐτὴν ὕλη ἀνέστηκε, τὰ δένδρα δ' ἐστὶ μήκωνες ὑψηλαὶ καὶ μαν-  
δραγόραι, καὶ ἐπ' αὐτῶν πολὺ τι πλήθος νυκτερίδων.

(1) ἄλλῳ τινὶ. What other construction is more common? (2) Parse ἐπεμνή-  
σθη. (3) Compare ἀκριβῶς.

2.00 TO 3.00 P. M., MONDAY, 29TH JUNE.

GREEK HISTORY.

(Only five questions to be answered).

1. (a) Name any six of the countries or provinces into which ancient Greece was  
divided.
2. Give some account of Lycurgus and his work as a statesman.
3. Mention the leading incidents and battles of the invasion of Greece by Xerxes.

4. What were the most striking features of the administration of Pericles at Athens?
5. State what you know of the famous siege of Syracuse.
6. What celebrated expedition of the Greeks took place in 401 B. C.? Give a brief outline of the expedition.
7. Between whom were these battles fought? Oenophyta, Delium, Arginusae, Aegospotami, Mantinea Chaeronea. Give dates as nearly as you can.
8. Mention the chief differences between the civilization of the Athenians and that of the Lacedaemonians.

3.10 TO 4.10 P. M., MONDAY, 29TH JUNE.

### BOTANY.

(Only five questions to be answered.)

1. Describe from memory (so minutely as to indicate the Order, Genus, and Species) any one of the following Nova Scotian plants.
  - (a) *Ranunculus Repens*.
  - (b) The Rhodora.
  - (c) One of the Kalmias.
  - (d) The Lady's Slipper.
  - (e) The Blue Flag.
  - (f) *Brunella Vulgaris*, or
  - (g) *Leondodon Autumnale*.
2. Describe in similiar detail any species of *Pteris*, *Polypodium*, *Aspidium*, *Asplenium*, *Onoclea* or *Osmunda*.
3. Prove the character of your botanical knowledge by an exposition of any one of the following: *Protophyta*, *Conjugatae*, *Fucus*, *Plowrightia*, *Hymenomycetes*.
4. Name and describe the different kinds of inflorescence, naming a plant illustrating each; or describe fertilization in the mosses, ferns, pines, orchids and grasses.
5. Describe briefly the different tissues, and their positions, in leaves generally; mentioning the functions of each element of the leaf structure.
6. Sketch the principal kinds of motion in plants; or sketch the different kinds of assimilation and metabolism in plants.
7. Describe any special microscopic work you may have done in Botany; or give an annotated list of at least 20 plants, specifying the order and their natural habitat and time of flowering.



4.15 to 5.15 p. m., Monday, 29th June, 1903.

DEMOSTHENES: (DE CORONA.)

I. Translate: Τοῦ γὰρ Φωκικοῦ συστάτος πολέμου, οὐδὲ ἐμέ (οὐ γὰρ εἰ ἐγώ γε ἐπολιτευόμην πω τότε), πρῶτον μὲν ὑμεῖς οὕτω διέκεισθε ὥστε Φωκέας μὲν βοῦλευσθαι σωθῆναι, καί περ οὐ δίκαια ποιούντας ὄρωντες, Θηβαίους δ' ὅτιοῦν ἂν ἐφησθῆναι παθοῦσιν, οὐκ ἄλογος οὐδ' ἀδίκως αὐτοῖς ὀργιζόμενοι. οἷς γὰρ εὐτυχῆκεσαν ἐν Λεύκτροις, οὐ μετρίως ἐκέχρητο.

(1) Explain constructions following ὥστε. (2) Parse ἐφησθῆναι and explain use of ἂν with the infinitive.

II. Translate: οἶμαι συμβέβηκε τοῖς μὲν πλήθει ἀντὶ τῆς πολλῆς καὶ ἀκαίρου ῥηθυμίας τὴν ἐλευθερίαν ἀπολωλέκεναι, τοῖς δὲ προεστηκόσι καὶ τὰλλα πλὴν ἑαυτοῦς οἰομένοις πωλεῖν πρῶτους ἑαυτοῦς πεπρακόσιν αἰσθῆσθαι. ἀντὶ γὰρ φίλων καὶ ξένων, ἃ τότε ὀνομάζοντο ἡνίκά ἐδωροδόκουν, νῦν κόλακες καὶ θεοὶ ἐχθροὶ καὶ τὰλλ' ἃ προσήκει πάντ' ἀκούουσιν.

(1) Parse πεπρακόσιν, explain its construction, and account for case. (2) Explain case of κόλακες.

III. Translate: καὶ γραφεῖς τὸν ἀγῶνα τοῦτον εἰς ὑμᾶς εἰσῆλθον καὶ ἀπέφυγον, καὶ τὸ μέρος τῶν ψήφων ὁ δῶκων οὐκ ἔλαβεν. καίτοι πόσα χρήματα τοὺς ἡγεμόνας τῶν συμφορῶν ἢ τοὺς δευτέρους καὶ τρίτους οἴεσθέ μοι δίδοναι ὥστε μάλιστα μὲν μὴ θείναι τὸν νόμον τοῦτον, εἰ δὲ μή, καταβαλόντα εἶν ἐν ὑπαμοσίᾳ; τοσαῦτ' ὡ ἄνδρες Ἀθηναῖοι ὅσα ὀκνήσαιμ' ἂν πρὸς ὑμᾶς εἰπέιν.

γράφω as a legal term has various meanings. Explain these as depending on voice used.

IV. Translate: Οὕτω διαθείς ὁ Φίλιππος τὰς πόλεις πρὸς ἀλλήλας διὰ τούτων, καὶ τοῦτοις ἐπαρθεῖς τοῖς ψηφίσμασι καὶ ταῖς ἀποκρίσεσιν, ἦκεν ἔχων τὴν δύναμιν καὶ τὴν Ἑλιπίειαν κατέλαβεν, ὡς οὐδ' ἂν εἴ τι γένοιτο ἐτι συμπνευσάντων ἡμῶν καὶ τῶν Θηβαίων. ἀλλὰ μὴν τὸν τότε συμβάλλοντα ἐν τῇ πόλει θόρυβον ἴστε μὲν ἅπαντες, μικρὰ δ' ἀκούσατε ὅμως, αὐτὰ τὰναγκαῖατάτα.

(1) Parse ἐπαρθεῖς. (2) ὡς . . . Θηβαίων. Distinguish between protasis and apodosis of this sentence. What word does ἂν modify?

V. Translate: τὸ μὲν τοίνυν προελῆσθαι τὰ κάλλιστα καὶ τὸ τῶν οἰηθέντων Ἑλλήνων, εἰ προείντο ἡμᾶς, ἐν εὐδαιμονίᾳ διαίξειν, αὐτῶν ἀμεινον πράττειν τῆς ἀγαθῆς τύχης τῆς πόλεως εἶναι τίθημι. τὸ δὲ προσκροῦσαι καὶ μὴ πάνθ' ὡς ἡβουλόμεθ' ἡμῖν συμβῆναι τῆς τῶν ἄλλων ἀνθρώπων τύχης τὸ ἐπιβάλλον ἐφ' ἡμᾶς μέρος μετεκληφέναι νομίζω τὴν πόλιν.

(1) Parse οἰηθέντων, προείντο, μετεκληφέναι. (2) ἡβουλόμεθ'. Point out peculiarity of augment. What other verbs have same?

9.00 TO 10.00 A. M., TUESDAY, 30TH JUNE.

TACITUS (HISTORIES, BOOK I.)

I. Translate: fuere qui crederent Capitonem ut avaritia et libidine foedum ac maculosum, ita cogitatione rerum novarum abstinnisse; sed a legatis bellum suadentibus potquam impellere nequiverint, crimen ac dolum ultro compositum; et Galbam mobilitate ingenii, an ne altius scrutaretur, quoque modo acta, quia mutari non poterant comprobasse.

(1) *Crederent*. Why subjunctive? (2) Discuss the Tacitean use of *ultra*.

II. Translate: *nec multo post libertus Onomastus nuntiat expectari eum ab architecto et redemptoribus; quae significatio coeuntium iam militum et paratae coniurationis con- venerat. Otho causam digressus requirentibus cum emi sibi praedia vetustate suspecta- eoque prius exploranda finxisset, innixus liberto per Tiberianam domum in Velabrum, inde ad inliarium aureum sub aedem Saturni perguit.*

(1) Distinction between *libertus* and *libertinus*. (2) Parse *coeuntium, innixus, liberto*.

III. Translate: *famae nec incuriosus nec venditator; pecuniae alienae non appetens, suae parcus, publicae avarus. amicorum libertorumque, ubi in bonos incidisset, sine repre- hensione patiens. si mali forent, usque ad culpam ignarus. sed claritas natalium et metus temporum obtentui, ut quod segnitia erat sapientia vocaretur.*

(1) Construction of *amicorum, obtentui*? (2) Parse *natalium*.

IV. Translate: *Exarserat in eum iracundia exercitus, tanquam crimen ac mox insidias Fonteio Capitoni struxisset. grata erat memoria Capitonis; et apud saevientes occidere palam, ignoscere non nisi fallendo licebat, ita in custodia habitus et post victoriam demum stratis iam militum odiis dimissus est interim ut piaculum obicitur centurio Crispinus; sanguine Capitonis se cruentaverat eoque et postulantibus manifestior et punienti vilior fuit.*

Explain constructions of *Fonteio, odiis, eo(que), punienti*.

V. Translate: *magistra libidinum Neronis, transgressa in Africam ad instigandum in arma Clodium Macrum famen populo Romano haud obscure molita, totius postea civitatis gratiam obtinuit, consulari matrimonio subnixa et apud Galbam Othonem Vetellium illaesa, mox potens pecunia et orbitate, quae bonis malisque temporibus iuxta valent.*

Parse *molita, illaesa*, and account for cases of *populo, matrimonio, pecunia*.

10.10 TO 11.10 A. M., TUESDAY, 30TH JUNE.

## ZOOLOGY.

(Only five questions to be answered.)

1. Name ten Nova Scotian fish, with classification and habitat notes. Describe the position, connections, structure and functions of the gills of any one of them.
2. Name ten Nova Scotian birds with similar notes; and describe the respiration system and external character of one of them.
3. Give a classified list of, either the Mammalia you know, with notes on their habitat and dentition; or a classified list of our Amphibia, with notes on their habitat, their habits and development from the egg.
4. Sub-divide the *Arthropoda* into classes, with notes on the more interesting sub-classes, orders or species in the province; or compare the respiratory organs of a species in the class containing the largest common specimens, with those of one in the class containing the smaller, most numerous and most common species.
5. What do you know about either (a) our *polyzoans*, or (b) our *lamellibranchs*, or (c) our *gasteropods*, or (d) our *hydrozoa*.
6. Discuss the *Echinodermata* in general, and any species in detail.
7. Give an account of your studies of our *Protozoa*; or any special microscopic or macroscopic demonstrations in Zoology.

11.15 TO 12.15 A M., TUESDAY, 30TH JUNE.

## NAVIGATION.

1. A Ship in Lat.  $50^{\circ} 13' N.$ , sails W. S. W. 51 miles; W. b. N. 35 miles; S. b. E. 45 miles; S. W. b. W. 55 miles; and S. S. E. 41 miles: Find the Latitude reached and Departure made. [Given: 51 miles at 6 points = Dif. Lat. 19.5 and Dep. 47.1; 35 @ 7 pts. = 6.8 and 34.3; 45 @ 1 pt. = 44.1 and 8.8; 55 @ 5 pts. = 30.6 and 45.7; 41 @ 2 pts. = 37.9 and 15.7.] Draw out the Traverse Table neatly.
2. Find the course and distance made good in the preceeding problem. [Given: Log. 1253 = 3.09795; Log. 1026 = 3.01115; Log. tan.  $39^{\circ} 19' = 9.91320$ ; Log. Sec. 39.19 = 10.11145; Log. 1.62 = .20940].
3. A Ship from Lat.  $36^{\circ} 32' N.$ , sails between S. and W. until she has made 480 miles of Departure, and 562 miles difference of Longitude; required, her present Latitude, course steered and distance run. [Given: Log. 562 = 2.74974; Log. 4.80 = 2.68124; Log. cos,  $31^{\circ} 20' = 9.93150$ ; Log. 6.24 = .79518; Log. tan.  $37^{\circ} 34' = 9.88606$ ; Log. sec.  $37^{\circ} 34' = 10.10092$ ; Log. 7.872 = .89610].
4. Explain "Marine Surveying of a bay"; or "the Law of Storms"; or "the Sextant and its use"; or "a method of finding the deviation of the Compass."
5. Show how the Longitude may be found by the Chronometer.

2.00 to 3.00 p. m., Tuesday, 30th June, 1903.

## SOPHOCLES: (ANTIGONE.)

## I. Translate: —

AN. οὐτ' ἂν κελεύσαιμ' οὐτ' ἂν, εἰ θέλοις ἔτι  
 πράσσειν, ἐμοῦ γ' ἂν ἠδέως δρώης μέτα.  
 ἀλλ' ἴσθ' ὅποια σοι δοκεῖ, κείνον δ' ἐγὼ  
 θάψω. καλόν μοι τοῦτο ποιούσῃ θανεῖν.  
 φίλη μετ' αὐτοῦ κείσομαι, φίλον μέτα,  
 ὅσα πανουργήσασ'· ἐπεὶ πλείων χρόνος  
 ὄν δέ μ' ἀρέσκειν τοῖς κάτω τῶν ἐνθάδε.

(1) Parse δρώης, ἴσθι. (2) Account for case of ὅποια, ὄν, τῶν.

## II. Translate: —

οὐδὲ σθένειν τοσοῦτον ὥμοιεν τὰ σὰ  
 κηρύγμαθ', ὥστ' ἄγραπτα κάσφαλῇ θεῶν  
 νόμιμα δύνασθαι θνητὸν ὄνθ' ὑπερδραμεῖν.  
 οὐ γάρ τι νῦν γε κάχθές, ἀλλ' αἰεί ποτε  
 ζῆ ταῦτα, κοῦδεῖς οἶδεν ἐξ ὅτου φάνη.  
 τούτων ἐγὼ οὐκ ἔμελλον, ἀνδρὸς οὐδενὸς  
 φρόνημα δείσασ', ἐν θεοῖσι τὴν δίκην  
 δώσειν· θανουμένη γὰρ ἐξήδη, τί δ' οὐ;

(1) κάσφαλῇ. Write in full. (2) Explain construction of θνητὸν, τούτων, θανουμένη.

## III. Translate: —

\*Ἔρωσ ἀνίκατε μάχαν  
 \*Ἔρωσ, ὃς ἐν κτήμασι πίπτεις,  
 ὃς ἐν μαλακαῖς παρειαῖς  
 νεάνιδος ἐννεχεύεις,  
 φοιτᾶς δ' ὑπερπόντιος ἐν τ' ἀγρονόμοις αὐλαῖς·  
 καὶ σ' οὐτ' ἀθανάτων φύξιμος οὐδεὶς  
 οὐθ' ἀμερίων ἐπ' ἀνθρώπων, ὃ δ' ἔχων μέμνηεν.

(1) Why is μάχαν accusative? (2) Why is ὑπερπόντιος nominative?

## IV. Translate: —

E. γνώσει, τέχνης σημεῖα τῆς ἐμῆς κλύων.  
 εἰς γὰρ παλαιὸν θᾶκον ὀρυθσοκόπον  
 ἕζων, ἢν ἦν μοι πατρὸς οἰωνοῦ λιμήν,  
 ἀγνώτ' ἀκούω φθόγγον ὀρνέθων, κικῶ  
 κλάζοντασ αἰστρω καὶ βεβαρβυρομένω·  
 καὶ σπῶντασ ἐν χηλαῖσιν ἀλλήλοισ φωναῖς  
 ἔγνω· πτερῶν γὰρ ζυβίδος ἀκ ἄσσημος ἦν.

Comment on syntax of κλάζοντασ, σπῶντασ.

## V. Translate: —

Κρέων γὰρ ἦν ζηλωτός, ὡς ἐμοί, ποτέ,  
 σώσας μὲν ἐχθρῶν τήνδε Καδμείαν χθόνα,  
 λαβὼν τε χώρασ παντελῆ μοναρχίαν  
 εὖθνε, θάλλων εὐγενεῖ τέκνων σπορά·  
 καὶ νῦν ἀφείτῃ πάντα. τὰς γὰρ ἠδονὰς  
 ὅταν προδώσιν ἄνδρες, οὐ τίθημ' ἐγὼ  
 ζῆν τοῦτον, ἀλλ' ἔμψυχον ἠγούμαι νεκρόν.

(1) Comment on ὡς ἐμοί and on the number of τοῦτον. (2) Write an explanatory note on Καδμείαν.

3.10 TO 4.10 P. M., TUESDAY, 30TH JUNE.

**SANITARY SCIENCE.**

(Only *five* questions to be answered.)

1. Name the five principal sources of air impurities. Discuss any *one* of them.
2. What is the best method of ventilating an ordinary country school house?
3. What dangers to health may arise from the nature and condition of soils? How may these dangers be averted?
4. What are the advantages of alternating physical and mental exercises?
5. Show by statistics the effect of alcoholic drinks on the length of life and on the tendency to crime.
6. In what respect is vertical writing more hygienic than slant writing?
7. To what dangers is the eye-sight of pupils exposed? How may these dangers be avoided?

4.15 TO 5.15 P. M., TUESDAY, 30TH JUNE.

**ASTRONOMY.**

(Only *five* questions to be answered.)

1. Describe two methods of determining terrestrial latitude, and the effect of atmospheric refraction.
2. How is the earth's form determined by pendulum experiments?
3. Discuss the *signs* of the zodiac and the *constellations* of the zodiac.
4. Explain the "Lunar Ecliptic Limit," or "The problem of Two Bodies."
5. Tabulate a few of the most important points you remember with respect to the planets—the most important points which can be pointed out in ten minutes.
6. Discuss Meteorites; or Star Spectra.
7. Write explanatory notes on any five of the following: The position and features of *Ursa Major*, of *Sirius*; Aberration, Precession of the Equinox, Greatest Elongation, the Right Ascension and Declination of the north pole of the ecliptic, the hour angle and azimuth of the zenith, Librations of the Moon.

9.00 TO 10.00 A. M., WEDNESDAY, 1ST JULY.

**ALGEBRA.**

(Only *five* questions to be answered.)

1. If four positive quantities are in continued proportion, show that the difference between the first and last is at least three times as great as the difference between the other two.
2. Find the value of the recurring decimal  $P Q Q Q \dots$  where  $P$  denotes the part which does not recur and consists of  $p$  figures, and  $Q$  denotes the recurring part and consists of  $q$  figures. Show how to formulate the ordinary arithmetical rule from your result.
3. (a) Given  $\sqrt{5} = 2.23607$ , find the value of

$$\frac{10\sqrt{2}}{\sqrt{18} - \sqrt{3} + \sqrt{5}} \qquad \frac{\sqrt{10} + \sqrt{18}}{\sqrt{8} + \sqrt{3} - \sqrt{5}}$$

(b) Find the square root of  $a + b\sqrt{-1}$ .

4. (a) Prove that the roots of the equation,

$$abc_2x^2 + 3acx + b^2cx - 6a_2 - ab + 2b^2 = 0, \text{ are rational.}$$

(b) If  $x$  is real show that  $(x_2 - bc)(2x - b - c)^{-1}$  has no real values between  $b$  and  $c$ .

5. In how many ways can £5 be paid in shillings and sixpences, including zero solutions?

6. (a) Find the  $(r+1)^{\text{th}}$  term in the expansion of  $(1+x)^{-\frac{2}{3}}$ .

(b) Given the logarithms of all numbers to the base  $a$ , show how to find the logarithm of any number to the base  $b$ .

7. Resolve into partial fractions,

$$\frac{6x_3 + 5x^2 - 7}{3x^2 - 2x - 1}$$

8. If five cards are drawn from a pack, find the chance that they will be all of the same suit.

9. Prove that  $\frac{f(x)}{x-a} = \phi(x) + f(a)$ , where  $f(x)$  and  $\phi(x)$  are rational integral functions of  $x$

10.00 TO 11.10 A. M., WEDNESDAY, 1ST JULY.

### LATIN COMPOSITION.

1. (a) Give the ablative singular of *vis, animal, ignis, rus, similis, par*; and the ablative plural of *dea, deus, poema, quidam, idem*. (b) Give the present infinitive and supine (or perf. participle) corresponding to the following verbal forms: *Eunto, estote, moriere, fam, fefelli, scquerer*.

2. Quote or frame brief sentences illustrating the different ways of expressing in Latin, (a) purpose, (b) prohibitions.

What different forms of the prepositions *a, e, and sub* are found in composition? Give examples.

Write brief sentences containing, (a) a verb taking a double accusative, (b) a dative of the possessor with proper verb, (c) a double singular noun of the first declension in the locative case.

Answer any *three* of the following questions. 3, 4, 5, 6 :

3. Translate the following sentences into Latin :

(1) In Athens the Sun is hotter than in Rome.

(2) The laws must be obeyed always and everywhere.

(3) There is no doubt that if the enemy had attacked the town it would have been taken.

(4) Hannibal spent the whole winter at Capua.

4. Translate into Latin :

(1) Caesar sent Balbus to seek the cause of the delay. (2) As soon as he had pitched his camp in the enemies' territory, ambassadors came to him. (3) Suddenly with a great multitude they began to attack the camp of the Romans. (4) Tell me where you are going to stay when you go to Rome.

5. Translate into Latin :

(1) It is lawful for a man to use his own money as he likes. (2) I shall stay at home if I do not get your letter. (3) He persuaded Marcellus not to injure the Syracusans. (4) The citizens value safety more than honor.

6. Translate at sight :

Atque ego ne utilem quidem arbitror, esse nobis futurarum rerum scientiam. Quae enim vita fuisset Priamo, si ab adolescentia scisset quos eventus senectutis esset habiturus? Quid igitur? Ut omittamus superiores, Marcone Crasso putas utile fuisse tum cum maximis opibus fortunisque florebat, scire sibi interfecto Publio filio exercituque deleto trans Euphratem cum ignominia et dedecore esse pereundum? An Cn. Pompeium censes tribus suis consulatibus, tribus triumphis, maximarum rerum gloria laetaturum fuisse si sciret se in solitudine Aegyptiorum trucidatum iri?

11.15 TO 12.15 A. M., WEDNESDAY, 1ST JULY.

FRENCH AUTHORS.

1. Translate: *A. de Musset.*

(a) O toi que nul n'a pu connaître,  
Et n'a renié sans mentir,  
Réponds-moi, toi qui m'as fait naître,  
Et demain me feras mourir!

(b) Puisque tu te laisses comprendre,  
Pourquoi fais-tu douter de toi?  
Quel triste plaisir peux-tu prendre  
A tenter notre bonne foi?

(c) Describe Alfred de Musset as a "man." Mention his most characteristic work. What was his theory of lyric poetry?

2. Translate: *Victor Hugo.*

Tout près, un matelas s'étend sur de vieux bancs,  
Et cinq petits enfants, nid d'âmes, y sommeillent,  
La haute cheminée où quelques flammes veillent  
Rougit le plafond sombre, et, le front sur le lit,  
Une femme à genoux prie, et songe, et pâlit.  
C'est la mère. Elle est seule. Et dehors, blanc d'écume,  
Au ciel, aux vents, aux rocs, à la nuit, à la brume,  
Le sinistre Océan jette son noir sanglot.

(a) Describe the "classical Alexandrine" verse, and scan the 6th line. What is meant by masculine and feminine rhyme?

3. Translate: *Coppée.*

Tout à coup, au détour d'une petite rue,  
On nous crie en français: "A l'aide!" En quelques bonds  
Nous joignons nos amis en danger, et tombons  
Au milieu d'une belle et brave compagnie  
De grenadiers chassée avec ignominie  
Du parvis d'un convent seulement défendu  
Par vingt moines, démons noirs au crâne tondu,  
Qui sur la robe avaient la croix de laine blanche.

(a) Short notes on *François Coppée*. Mention some of his works. The leading difference between Victor Hugo and Coppée?

4. Translate: *Daudet.*

"Qu'ils y viennent maintenant!" *Ils?* Qui, *Ils?* Tartarin ne le savait pas bien lui-même. . . *Ils?* c'était tout ce qui attaque, tout ce qui combat, tout ce qui mord, tout ce qui griffe, tout se qui scalpe, tout ce qui hurle, tout ce qui rugit. . . *Ils?* c'était l'Indien Sioux dansant autour du poteau de guerre où le malheureux blanc est attaché. . . *Ils* enfin, c'était *ils!* . . . c'est-à-dire la guerre, les voyages, l'aventure, la gloire.

a. *Qu'ils y viennent.* Account for *viennent* and its mood. Parse *y*, and translate: These letters are to be answered. They have been answered.

5. Translate: *Balzac.*

"J'ai une grâce à réclamer de vous."—Elles gardèrent le silence.—"Si je vous importunais, si . . . je vous gênais, parlez librement . . . je me retirerais; mais sachez que je vous suis tout dévoué; que, s'il est quelque bon office que je puisse vous rendre, vous pouvez m'employer sans crainte, et que moi seul, peut-être, suis au-dessus de la loi, puisqu'il n'y a plus de roi . . ."

(a) *S'il est quelque bon office.* Mention the term analogous to the impers. "*il est.*" When is *quelque* written in two words? explain, and translate for ex.: Whatever his intentions may be, he is honest.

2.00 TO 3.00 P. M., WEDNESDAY, 1ST JULY.

### ENGLISH LANGUAGE.

(Only *five* questions to be answered.)

1. What are the differences between Anglo-Saxon and Modern English?
2. What effect had the Norman Conquest on the English language?
3. Explain and illustrate the terms "ablaut" and "umlaut."
4. Trace the changes that have taken place in the comparison of adjectives.
5. "Though an essentially dramatic spirit pervades nearly the whole of his works, yet Chaucer is above all things a narrator." Discuss this statement.
6. Describe the "Monk" and the "Clerk of Oxenford" as portrayed in Chaucer's "The Prologue."
7. Quote fifteen or twenty consecutive lines from "The Knightes Tale," with notes where required.
8. Explain the following:—
  - (1) "I have weel rad in daun Burnell the Asse."
  - (2) "And preyde him his viage for to lette."
  - (3) "Ther saugh I how woful Calistopee.  
Whan that Diane agreed was with here,  
Was turned from a womman to a here,  
And after was she maad the lode-sterre"
  - (4) "Me list full evele pleye."
  - (5) "And yet he had a thombe of gold, pardee."

3.10 TO 4.10 A. M., WEDNESDAY, 1ST JULY.

### FRENCH GRAMMAR AND COMPOSITION.

1. *Ici on parle français.* Translate this. The *passive* may be expressed: (a) by the *verbe être*; (b) by an *intransit*, verb with *on* as subject; (c) by a *reflexive* verb; explain the use of these forms, and translate for ex.: He was rewarded by the King for his bravery.—Time passes very quickly when one is busy.—The letter that has been sent, was not answered.—What form does the past part, following "to be" assume? translate for ex.: There are many questions to be answered.—What is to be done?—This is not to be thought of.—Be it remembered that everyone is to be present.



2. (a) Is there any difference in the agreement of the word *tout* (quite), in the following sentences? why? translate: The success of her son made that lady *quite* happy.—On hearing the news those persons were quite surprised — *Cest gens sont tout yeux et tout oreilles.* (b) Comment on the agreement of and distinguish between the words: *quelque* and *quel que* (whatever or however) in the following sentences; translate: Whatever faults you may have committed, I pardon you.—However great your difficulties may be, you will overcome them.—Whatever his intentions may be, he is not to be trusted.

3. What is the *pronominal* form of the Object, when: (a) governed by *a*; (b) governed by *de*? Translate: Do you remember (se souvenir de . . .) what he said on leaving? No, I do not remember it.—Have you been thinking of (réfléchir à . . .) what has been proposed? Yes, I have thought of it. Translate into English: Il me tarde d'aller chez moi. Il tarde à venir.—Demandez à mon père. Demandez mon père.—Il venait de passer. Il venait à passer.

4. (a) La question qu'on a *proposé* est difficile. Nous ne nous sommes pas *vus* depuis longtemps. Ces dames se sont parlés ce matin. Je les (fem.) ai *entendues* chanter. Ces arbres, je les ai *vus* couper; translate these sentences, and explain the agreement of the past participles in italics, correcting those that are incorrect. (b) The past participle *fait* in two cases, is *invariable*: illustrate each case with an example.

5. Mention the conjunctions that require the *subjunctive* mood with *ne*, and write one sentence in illustration. Translate: (a) I want you to know, that he is a man whose philanthropy is well known, and to whose kindness I owe my position. (b) There are persons who write better than they speak, and others who speak better than they write. (c) We have agreed to meet twice a week. (d) Probity is one of the finest qualities a man can possess.

4.15 TO 5.15 P. M., WEDNESDAY, 1ST JULY.

**GEOLOGY.**

(Only *five* questions to be answered).

1. Discuss igneous rocks, their origin, their constitution, and their locations in Nova Scotia.
2. Compare the paleontology of the Silurian with that of the Carboniferous in Nova Scotia.
3. Write notes on any ten of the following: Breccia, Dolomite, Metastasis, Cone-in-cone, Joints, Clinometer, Homotaxis, Boulder Clay, *Bathynathus borealis*, Eozoon, Contours, Hade, Mica, Limonite.
4. Discuss the position and character of the iron deposits of the province.
5. Sketch from memory a geological map of any portion of the province—giving a vertical section beside it.
6. Discuss the gold bearing formations of the province.
7. Give an idea of the quantity or value of each mineral mined in the province, where found, and in what strata.
8. Discuss your glacial age theory; or the preservation of forms as fossils.

9.00 TO 10.00 A. M., THURSDAY, 2ND JULY.

**GEOMETRY.**

(Only *five* questions to be answered).

1. Parallelograms about a diagonal of any parallelogram are similar to the whole-parallelogram and to one another.

2. Any transversal is cut harmonically by the rays of a harmonic pencil.
3. The locus of the intersection of tangents drawn to a circle at the extremities of all chords which pass through a given point is the polar of that point with respect to the circle.
4. Find the locus of a point from which two given circles subtend the same angle.
5. If a straight line is perpendicular to each of two straight lines at their point of intersection, it shall also be perpendicular to the plane in which they lie.
6. If A, B, C, D are four points not in one plane, show that the four angles of the gauche quadrilateral A B C D are together less than four right angles.
7. Find the co-ordinates of the point which divides the straight line joining the points  $(x_1, y_1)$  and  $(x_2, y_2)$  in the ratio  $m : n$ . Use your result in finding the co-ordinates of the centre of gravity of a uniform triangular plate whose vertices are the points  $(2, 3)$ ,  $(4, -5)$ ,  $(-3, -6)$ . (Centre of gravity is a point of trisection of any median.)

8. Find the points of intersection of the curves  $\frac{x^2}{a^2} + \frac{y^2}{b^2} = 1$  and  $x^2 + y^2 = a^2$ .

10.10 to 11.10 a. m., Thursday, 2d July, 1903.

### GREEK GRAMMAR AND COMPOSITION.

1. Give the genitive singular and dative plural of πόλις, μήτηρ, υἱός, μέγας, and μέγας, and decline together in the singular ταχέα and βασιλεὺς εὐμενής.
2. Give the comparative of ταχίς, μάλα, εὐφρων, and εὖ, and the superlatives of ἀσχρῶς, ραδιῶς, κενός, and βραχύς. What are the principal uses of the genitive case?
3. Give the meaning of the prepositions ἀπό, παρά, and ἐπὶ, with different cases, illustrating as far as you can. Give a full account of Reduplication. Answer any two of the following questions, 4, 5, and 6:—
4. Translate into Greek: (1) If he suspected that any one was plotting against him he put him to death. (2) On this account they made war on the Lacedæmonians. (3) And very often it was possible to see beside the road the hands and feet of men. (4) The man has done such things, and he says such things.
5. Translate: (1) Present circumstances are difficult, since we are without generals. (2) Here Cyrus had a palace and a great park. (3) On this very day you will see your friends. (4) The same man was doing the same things.
6. Translate at sight:—

εἰμὲν οὖν οὕτως ἔχει ταῦτα ὡςπερ ἐγὼ οἶμαι καὶ ἡ ψυχὴ καταλείπει τὸ σῶμα καὶ τὴν ἐμὴν ψυχὴν καταιδούμενοι ποιῶμεθα ἐγὼ δέομαι· εἰ δὲ μὴ οὕτως, ἀλλὰ μένουσα ἡ ψυχὴ ἐν τῷ σώματι συναποθνήσκει, ἀλλὰ θεοὺς γετούς ἀεὶ ὄντας καὶ πάντ' ἐφορῶντας καὶ πάντα δυναμένους, οἱ καὶ τὴν δε τὴν τῶν ὅλων τάξιν συνέχουσιν ἀτριβῆ καὶ ἀγήρατον ἀναμάρτητον καὶ ὑπὸ κἀλλοῦς καὶ μεγέθους ἀδιήγητον, τούτους φοβούμενοι μήποτε ἀσεβεῖς μηδὲν μηδὲ ἀνόσιον μήτε ποιήσῃτε μήτε βουλεύσῃτε.

καταιδούμενοι = reverencing τὴν . . . τάξιν = the universe. ἀναμάρτητον = unfailing ἀδιήγητον = indescribable.

11.15 TO 12.15 A. M., THURSDAY, 2ND JULY.

**CICERO: ( De Amicitia and De Senectute ).**

1. Translate: Quin etiam memoriae proditum est, cum Athenis laudis quicquam in theatrum grandis natu venisset, in magno consensu locum nusquam ei datum a suis civibus; cum autem ad Lacedaemonios accessisset, qui legati cum essent certo in loco considerant, consurrexisse illi omnes dicuntur et senem sessum receperisse.

(1.) Syntax of *Athenis, ludis, illi*. (2.) Parse *sessum*.

2. Translate: cumque semper agitur animus nec principium motus habeat, quia se ipse moveat, ne finemquidem habiturum esse motus, quia numquam se ipse sit relicturus; et cum simplex animi natura esset, neque haberet in se quidquam admixtum dispar sui atque dissimile, non posse cum dividi; quod si non possit, non posse interire.

(1.) Whose philosophical views are here reproduced? (2.) Parse *dispar, sui, dividi*.

3. Translate: An censes, ut de me ipso aliquid more senum glorier, me tantos labores diurnos nocturnosque domi militiaeque suscepturum fuisse, si isdem finibus gloriam meam quibus vitam essem terminaturus? Nonne melius multo fuisset otiosam aetatem et quietam sine ullo labore et contentione traducere? Sed nescio quomodo animus erigens se posteritatem ita semper prospiciebat quasi cum excessisset e vita tum denique victurus esset.

(1.) Explain construction of *domi* and *militiae*. (2.) Explain the expression *nescio quomodo*.

4. Translate: Sed hoc primum sentio nisi in bonis amicitiam esse non posse; neque id ad vivum resoco, ut illi qui haec subtilius disserunt, fortasse vere sed ad communem utilitatem parum negant enim quemquam virum bonum esse nisi sapientem. Sit ita sane; sed eam sapientiam interpretantur quam adhuc mortalis nemo est consecutus.

(1.) *Ad virum resoco*. Explain metaphor. (2.) Compare *subtilius*.

5. Translate: Quare talis improborum consensus non modo excusatione amicitiae tegenda non est, sed potius supplicio omni vindicanda, ut ne quis concessum putet amicum vel bellum patriae inferentem sequi. Quod quidem, ut res coepit ire, haud scio an aliquando futurum sit. Mihi autem non minori curae est qualis res publica post mortem meam futura sit quam qualis hodie sit.

(1.) Parse *concessum*. (2.) Explain government of *sequi*. (3.) To what does *quod* refer?

2.00 TO 3.00 P. M., THURSDAY, 1ST JULY.

**PHYSICS.**

(Only five questions to be answered.)

1. (a) A body is rotating about an axis, with a uniform angular velocity of 100 radians per second; find the magnitude in feet per second of the linear velocity of a particle of the body 2 inches from the axis. (b) Express an acceleration of 5 miles per hour per quarter hour in inches per second.

2. If the magnitude of the velocity of a particle undergoing a simple harmonic motion is  $\sqrt{18}$  feet per second when the particle is passing through the centre of acceleration, find its velocity (magnitude and sign) when the phase is  $\frac{\pi}{2}$ .

3. Show clearly how to find the magnitude, direction, and point of application of the resultant of two unequal, parallel and opposite forces. What conclusion can you draw from applying your reasoning to the case where the forces are equal?

4. An experimenter wishing to find out whether or not air has weight, weighs a rubber bag, first empty and then full of air, and he finds that he can detect no difference in the two weighings. Is he justified in concluding from this that air has no weight? If so, why? If not, point out in what particular or particulars the experiment is faulty.

5. (a) Prove that the pressure at a point in a liquid in equilibrium is the same no matter what the aspect of the plane across which the pressure is estimated. (b) A cylinder 3 inches long and 2 inches in diameter is standing on one head and a tube passes through the other and extends two feet above it. If the whole is filled with water find the pressure which the water exerts on the inside surface of the cylinder. (A cubic foot of water weighs 1000 ounces).

6. (a) Two musical instruments when sounding notes of the same pitch are readily distinguished by the ear. Explain fully how you account for this difference of *quality* in musical notes (b) Explain how you would proceed to find the vibration-frequency *either* of a tone *or* a vibrating fork.

7. (a) What is a *perfect gas*? (b) Assuming the wave theory of light and consequently that the velocity of light-waves varies for different media, explain with the aid of a diagram, the deviation of light-waves in passing from one medium to another.

8. A dynamo supplies current at 110 volts to a series of 20 electrolytic cells in each of which there is a fall in E. M. F. of 4.2 volts. The current is found to be 5.00 amperes; what is the resistance of the wires and connections?

3.10 TO 4.10 P. M., THURSDAY, 2ND JULY.

### GERMAN GRAMMAR AND COMPOSITION.

1. What is the position of the verb in: (a.) the *normal* order; (b.) the *inverted* order; (c.) the *transposed* order. Write one sentence illustrating each order. Translate: He could not come for he was ill. When the king was in Spain, he was carefully *guarded* (*bewacht*). As there was no train to X, I was compelled to travel by coach,

2. (a) In "indirect" speech the *subjunctive* is used. Corroborate this statement by translating: He said that he was going abroad next summer, and that he would visit Germany, where he intended to remain a month or two."

(b) Write the same passage in the "direct" form of speech.

(c) If the *subjunctive* mood be used as an *optative* mood, what does it express: (1) when in the *present* tense, and (2) when in the *past* tense? Explain and translate for examples: I desire him to (that he) send for a physician. May he soon recover! Would our poor friend had not lost his life!

3. (a) English, French and German are spoken everywhere. In summer the stores are closed early. The house is still building. A great many houses are for sale. This gentlemen is well spoken of everywhere. Translate these sentences, commenting on the difference of construction in German.

(b) Put into idiomatic English: Es ist nicht daran zu denken.—Auf diese Briefe ist noch nicht geantwortet worden. Es wurde nicht auf ihn gehört, als er sprach.

4. (a) How do you express "as" and "than" in comparative clauses? Translate for examples: He speaks almost as well as a German. She has written more than was necessary.—Explain the difference in meaning between: Er starb *als* ein Christ and Er starb *wie* ein Christ.

(b) The English "when" admits of different forms in German; translate the following sentences commenting on the translation of *when*:  
*When* I am alone, I am usually reading or writing. It is not known, *when* the king will be at Rome. When I came to London, he visited me at once. Come *whenever* you like.

5. (a) Explain the nature of *separable* verbs, giving illustrations. In what cases is the separation of the participles of such verbs *inadmissible*? Write two sentences in illustration.

(b) What kind of *dependent* clauses does the *infinitive* with *zu* represent? Explain and translate: The man left the city without paying his debts. Your friend asked me to dine with him.

(c) Translate into English: Er bildet sich ein, er sei ein großer Mann; aber er hat das Pulver nicht erfunden. Jedermann macht sich über ihn lustig. Sie hat sich beinahe krank gefacht.

4 15 TO 5.15 P. M., THURSDAY, 2ND JULY.

VERGIL (Georgics Books I and IV.)

I. Translate :

Ideirco certis dimensum partibus orbem  
 Per duodena regit mundi Sol aureus astra.  
 Quinque tenent eolum zone; quarum una cornuco  
 Semper sole rubens et torrida semper ab igni;  
 Quam circum extrema dextra levaque trahuntur,  
 Cærulea glacie concreta atique imbris atris:  
 Has inter medianque duæ mortalibus ægris  
 Munere concessa divum; via secta per ambas,  
 Obliquus qua se signorum verteret ordo.

Explain *Per duodena astra*, also *obliquus ordo*.

II. Translate :

Quippe ubi fas versum atque nefas: tot bella per orbem,  
 Tam multe scelerum facies; non ullus aratro  
 Dignus honos; squalent abductis arva colonis,  
 Et curvæ rigidum falces confiantur in ense.  
 Hinc movet Euphrates, illinc Germania bellum;  
 Vicinæ ruptis inter se legibus urbes  
 Arma ferunt; sævit toto Mars impius orbe:  
 Ut quum carce.ibus sese effudere quadrigæ,  
 Addunt in spatia, et frustra retinacula tendens  
 Fertur equis auriga, naque audit currus habenas.

(1) Syntax of *aratro*, *carceribus*, *equis*. (2) Scan and prove quantity of line *ut* . . . . .  
*quadrigæ*.

III. Translate :

Utraque vis apibus pariter metuenda; neque illæ  
 Nequidquam in tectis certatim tenuia cera  
 Spiramenta linunt, fucosque et floribus oras  
 Explent, collectumque hæc ispa ad munera gluten  
 Et visco et Phrygiæ servant pice lentius Ida.  
 Sæpe etiam effossis, si vera est fama, latebris  
 Sub terra fovere larem, penitusque repertæ  
 Pumicibusque cavis exesæque ab boris antro.

(1) Distinguish between use of singular and plural noun with *uterque*. (2) Parse *finium* and *excesse*.

IV. Translate :

Namque sub (E)balie memini me turribus arcis  
 Qua niger humectat flaventia culta Galaeus,  
 Corycium vidisse senem, cui pauca relict  
 Jugera ruris erant ; nec fertilis illa juvenis,  
 Nec pecori opportuna seges nec commoda Baccho.  
 Hic rarum tamen in dumis olus albaque circum  
 Lilia verbenasque premens vescumque papaver,  
 Regum æquabat opes animis ; seraque revertens  
 Nocte domum dapibus mensas onerabat inemtis.

(1) Give nom. sing. of *senem*, gen. sing. of *seges*, gen. sing. of *olus*, dat. sing. of *domum*. (2) Distinguish between *pecus-udis* and *pecus-oris*.

V. Translate :

Postquam est in thalami pendentia pumice tecta  
 Perventum, et nati fletus cognovit inanes  
 Cyrene, manibus liquidos dant ordine fontes  
 Germanæ, tonsisque ferunt maptelia villis ;  
 Pars epulis onerant mensas, et plena reponunt  
 Pocula ; Panchæis adolescunt ignibus aræ ;  
 Et mater,—" Cape Mæonii carchesia Bacchi .  
 Oceano libemus,"—ait. Simul ipsa precatur.

(1) Explain *perventum est*. (2) Parse *tonsis*, and explain case of *villis*. (3) Point out peculiarity of construction in fifth line of extract.

9.00 TO 10.00 A. M., FRIDAY, 3RD JULY.

**TRIGONOMETRY.**

(Only five questions to be answered).

1. A person measures the sides about the right angle of a right-angled triangular field, for the purpose of computing its area. If there is a possible error of  $\frac{3}{8}$  inches in each measurement, what will be the limits of error in the calculation of the area, if the sides are found to be 25 yards and 50 yards respectively.

2. The angle of elevation of the top of a tower, observed at two points in the horizontal plane through the base of the tower, are  $\tan^{-1}\frac{3}{4}$  and  $\tan^{-1}\frac{5}{12}$ ; the points of observation are 240 feet apart, and lie in a direct line from the base. Find the height of the tower.

3. An observer's eye is  $h$  feet above the earth's surface ; assuming the earth's radius to be 3960 miles, show that the distance of the horizon is approximately  $\sqrt{\frac{3}{2}h}$  miles.

4. Prove the following statements :

$$(a) \sin(A + B) = \sin A \cos B + \cos A \sin B.$$

$$(b) \cos(A + B) = \cos A \cos B - \sin A \sin B.$$

5. The elevation of a steeple at a place due south of it is  $45^\circ$ , and at another place due west of it the elevation is  $150^\circ$ . If the distance between two places be  $a$ , prove that the height of the steeple is  $a(\sqrt{3} - 1) \div 2\sqrt{3}$ .

6. Explain, with illustrations, how functions may be graphically represented by means of a curve. Draw the graphs of the  $\cos$  and  $\tan$ .

7. Find the general expression for all the angles ( $\alpha$ ) having the  $\sin \alpha$ , ( $\beta$ ) having the  $\tan \alpha$ .

10.10 TO 11.10 A. M., FRIDAY, 3RD JULY.

**PSYCHOLOGY.**

(Only *five* questions to be answered.)

1. Discuss the scope and relation to each other of Empirical and Rational Psychology.
2. Explain Weber's Law.
3. Indicate the "motor region" of the brain, and explain its functions.
4. What is Attention? Distinguish between passive or involuntary Attention, and active or voluntary Attention.
5. "All the connections set up between sensations by the formation of ideas tend to persist, even when the original conditions of connection are no longer fulfilled?" Explain how this may be held to be the key to the Law of Association.
6. Explain the nature of Emotion and indicate its main varieties
7. Discuss the nature and causes of Illusions.
8. Distinguish Instinct from Reason.
9. When it is held that the Will is Free, is it free without any limitations whatever? Maintain your view.
10. Give your views, with reasons, on the modern notion of "Telepathy."

11.15 TO 12.15 A. M., FRIDAY, 3RD JULY.

**HORACE: (Epistles and Ars Poetica.)**

1. Translate:

Quod satis est cui contingit, nihil amplius optet.  
 Non domus et fundus, non aeris acervus et auri  
 aegroto domini deduxit corpore febris.  
 non animo curas: valeat possessor oportet.  
 si comportatis rebus bene cogitat uti.  
 Qui cupit aut metuit, iuvat illum sic domus et res  
 ut lippum pictae tabulae, fomenta podagram,  
 auriculas citharae collecta sorde dolentis.

(1) *Deduxit*. Explain this perfect. (2) *valeat*, account for subjunctive. (3) *foemta*. Probable meaning.

2. Translate:

Quid tibi visa Chios, Bullati, notaque Lesbos,  
 quid concinna Samos, quid Croesi regia Sardis,  
 Zmyrna quid et Colophon? Maiores minorave fama,  
 cunctane prae campo et Tiberino flumine sordent?  
 An venit in votum Attalicis ex urbibus una,  
 an Lebedum laudas odio maris atque viarum?  
 Scis Lebudus quid sit. Gabiis desertior atque  
 Fidenis vicus: tamen illic vivere vellem,  
 oblitusque meorum, obliviscendus et illis.

(1) Distinguish between islands and towns in places mentioned in opening sentence.  
 (2) Syntax of *Gabiis*, *meorum*, *illis*.

## 3. Translate :

Somnia, terrores magicos, miracula, segas,  
 nocturnos lemures portentaque Thessala rides ?  
 Natalis grate numeras ? Ignoscis amicis ?  
 Lenior et melior fis accele lente senecta ?  
 Quid te exempta levat spinis de piuribus una ?  
 Vivere si recte nescis, decede peritis.  
 Lusisti satis, edisti satis atque bibisti :  
 tempus abire tibi est, ne potum largius aequo  
 rideat et pulset lasciva decentius aetas.

- (1) Explain *sagas, lemures, portenta, Thessala*.  
 (2) Parse *potum*. Explain different meanings of this word.

## 4. Translate :

indoctus quid enim saperet liberque laborum  
 rusticus urbano confusus, turpis honesto ?  
 Sic priscae motumque et luxuriam addidit arti  
 tibicen traxitque vagus per pulpita vestem ;  
 sic etiam fidibus voces crevere severis,  
 et tulit eloquium insolitum facundia praeceps,  
 utiliamque sagax rerum et divina future  
 sortilegis non discrepuit sententia Delphis.

- (1) Parse *saperet*. Give English derivatives. (2) Parse *crevere, futuri, sortilegis*.

## 5. Translate :

Romani pueri longis rationibus assem  
 discutunt in partes centum diducere. 'Dicit  
 filius Albini : si de quincunce remota est  
 uncia, quid superat ? Poteras dixisse,' 'Triens.' 'Eu  
 rem poteris servare tuam. Redit uncia, quid fit ?'  
 'Semis.' An haec animos aerugo et cura peculi  
 cum semel imbuerit, speramus carmina fingi  
 posse linenda cedro et levi servanda cupresso ?

- (1) *In partes centum*. Is this strictly correct ?  
 (2) Explain *quincunce*.  
 (3) Parse *linenda*.

2.00 TO 3.00 P. M., FRIDAY, 3RD JULY,

## BRITISH HISTORY.

(Only five questions to be answered).

1. Give a brief account of the Primitive form of English Society.
2. Write a note on English Literature under the Norman and Angevin Kings.
3. Mention the chief events of the "Hundred Years' War."
4. Describe the growth of English Commerce during the reign of Queen Elizabeth.
5. Mention the principal religious and political results of the Restoration.
6. "The fall of Walpole revealed a change in the temper of England which was to influence from that time to this its social and political history." Expand this statement.
7. Enumerate the various matters coming under, (1) Dominion Jurisdiction, (2) Provincial Jurisdiction. Explain "Concurrent Jurisdiction," "Residuum of Power."



3.10 TO 4.10 P. M., FRIDAY, 3RD JULY.

**ENGLISH LITERATURE.**

(Only *five* questions to be answered).

1. Explain why the drama in England began in religion.  
Describe a "Miracle Play."  
What were "Mystery" representations?
2. Give a brief account of Dryden and his works.
3. What are Burke's reasons for objecting to "force" as a means of governing people.
4. What, according to Burke, were the causes of the strong spirit of liberty that existed in the Colonies?
5. Describe the character of Brutus.
6. By whom, and under what circumstances, were the following excerpts spoken :
  - (1). "Let me have about me men that are fat :  
Sleek-headed men and such as sleep o' nights :  
Yond Cassius has a lean and hungry look :  
He thinks too much : such men are dangerous."
  - (2). "Cowards die many times before their deaths :  
The valiant never taste of death but once."
  - (3). "But yesterday the word of Caesar might  
Have stood against the world : now lies he there,  
And none so poor to do him reverence."
  - (4). "But let me tell you, Cassius, you yourself  
Are much condemn'd to have an itching palm :  
To sell and mart your offices for gold  
To undeservers."
7. State the argument of "Paradise Lost." Book I.
8. Quote fifteen or twenty consecutive lines from Book II, with notes where required
9. Explain the words in "italics":—
  - (1). "The pilot of some small *night-foundered* skiff."
  - (2). "That *opprobrious* hill."
  - (3). "Of starry lamps, and blazing *cressets* fed."
  - (4). "As when Alcides from *Echalia* crowned with conquest, felt *th' envenomed* robe."
  - (5). "As when a *gryphon* through the wilderness.

4.15 TO 5.15 P. M., FRIDAY, 3RD JULY.

**GERMAN AUTHORS.**

I. A.—Translate :

Wer reitet so spät durch Nacht und Wind ?  
Es ist der Vater mit seinem Kind ;  
Er hat den Knaben wohl in dem Arm,  
Er faßt ihn sicher, er hält ihn warm.  
Mein Sohn, was birgst du so bang dein Gesicht ?—  
Siehst, Vater, du den Erlkönig nicht,  
Den Erlkönig mit Kron' und Schweif ?—  
Mein Sohn, es ist ein Nebelstreif.—

## 2. B.—Translate :

Und zu Ritter Delorges, spottender Weis',  
 Wendet sich Fräulein Kunigund :  
 „Herr Ritter, ist eure Liebe so heiß,  
 „Wie ihr mir's schwört zu jeder Stund',  
 „Ei so hebt mir den Handschuh auf !“  
 Und der Ritter, in schnellem Lauf,  
 Steigt hinab in den furchtbar'n Zwinger  
 Mit festem Schritte,  
 Und aus der Ungeheuer Mitte  
 Nimmt er den Handschuh mit festem Finger.

(a) Locate extracts : A. and B. Give names of the authors, and write short notes on them.

3. Translate : Aber er kam nicht. Stunde um Stunde verrann, und Juan kam nicht zurück.—„Das ist doch sonderbar,“ sagte die besorgte Mutter, „wo das Kind heute bleibt ;“ und endlich stand der Vater verdrießlich auf und sagte : „Kommt eich will euch suchen helfen,—wir werden ihn gewiß finden—wo ging er hin, als er sich versteckte ?“

(a) Tell what happened to the child, how he was found, and recovered.

4. Translate : Es war am 3ten März Anno 1779. Ich war in der Nacht allein in unserer Mühle. Ich gehe also auf und ab, schütte aus und ein. Es raft der Wind, daß man meint, er nimmt die ganze Mühle mit fort. Ich sehe zum obern Fenster hinaus, ich weiß nicht warum. Himmel ! was ist das ? Es brennt im Dorf. Ich springe schnell hinunter und wecke den Meister, die Frau und die Kinder, und eile in's Dorf.

(a) Ich war in der Nacht *allein*. Parse *allein* ; in what other capacity may this word be used ? Write a sentence in illustration.

5. Translate : *Hertha*. Herr Seeberg, Sie sollen mich heute auch von einer neuen Seite kennen lernen, ich bitte Sie, unser Gast zu sein.—*Seeberg* (erschrocken) Ich ? Ich muß ergebenst danken. Ich kam nur her, um mir von Ihrem Manne eine Broschüre über die Aufhebung des Salzmonopols zu holen.—*Hertha*. Und Sie treffen uns im Begiffe zu Tische zu gehen, und als alter Hausfreund bleiben Sie da *à la fortune du pot*.

(a) Sie *sollen* mich . . . lernen. If *werden* is substituted for *sollen*, what meaning does it impart to the sentence ?

(b) *Zu* holen. Account for *zu*; what kind of clause does this *infinitive* with *zu* represent ? write this sentence in an enlarged form.

TEACHERS' MINIMUM PROFESSIONAL  
QUALIFICATION EXAMINATION.

(For *first* rank, 66 per cent., *second* rank, 50 per cent., and the *third* rank 34 per cent.).

9.00 TO 10.00 A. M., SATURDAY, 4th JULY.

HYGIENE AND TEMPERANCE.

1. What precaution should be taken against contagion or infection in the school room, of (a) tuberculosis, (b) typhoid fever, (c) scarlet fever, (d) skin diseases? State briefly what the school law requires the teacher to do in the case of danger from infection.
2. Summarize the law with reference to instruction on alcohol and narcotics in the public schools.
3. What instruction can be given in rural schools on the healthful selection, cooking and eating of food? Explain how you think it can or should be done.
4. What arguments can be effectively used to prevent indulgence in the cigarette habit? What are the dangers, if any, in the presentation of such reasons in the school room?
5. What precaution would you take to prevent over-pressure of study in the case of some of your pupils while endeavoring to stimulate the activity of the apathetic and careless? Explain the reasons for such precaution.

10.10 TO 11.10 A. M., SATURDAY, 4TH JULY.

SCHOOL LAW AND MANAGEMENT.

1. Specify briefly the changes made within the last year in the laws bearing on the following subjects:
  - (a) The Municipal School Fund, (b) Provisional Licenses, (c) School Libraries.
  - (d) What is the amount of the Provincial Aid to teachers, and how is it distributed?
  - (e) Why has the amount to each teacher been diminishing as a rule; and why is the rate per day to each teacher not exactly the same at the February and July payments?
2. Give the more important facts which have to be recorded in the Register, specifying those which require, in your opinion, the greatest effort to be as accurate as required.
3. Discuss: "Corporal Punishment," "Keeping in," and "Penal Tasks" as aids to School Discipline.
4. Discuss the procedure in making an engagement with the trustees, and the duties of the opening of school.
5. What books should a teacher *necessarily* have for reference? What ones are desirable in addition to the necessary ones? In what respects are teachers as a rule likely to be expected to see that the trustees do their duty?

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11.15 TO 12.15 A. M., SATURDAY, 4TH JULY.

**THEORY AND PRACTICE OF TEACHING.**

1. State the views of Comenius on the value of the study of Nature outside the school room. Give the views of any other authority. State your own views, and the extent to which such study might be done in given conditions, if you think it desirable.
2. What did the "New Education" mean according to Pestalozzi? What, according to Fröbel? Discuss the principles involved in the statement: "The hand, the head and the heart" should be educated in the school room.
3. What was Herbert Spencer's aim in education? What is your own idea?
4. What stress do you lay on accuracy in education? When should it commence? In what subjects is it specially necessary to be on the guard against the toleration of inaccuracy? Why? What references are made to this feature in our school laws?
5. Give the outlines of a lesson in any one of the following: Physical exercise or drill, singing, geography or history. Explain the reasons of any peculiar method, if you choose.

# PASS LIST, 1903.

## COUNTY ACADEMY ENTRANCE EXAMINATION.

(Regular Examination in July, *Supplementary* in August or September.)

[The valuations of candidates' examination papers, under the regulations of the C. P. I. and instructions from the Education Department, are made by the Principal and the staff of each County Academy.]

[Regulation 66 prescribes that the successful candidates be numbered in order of merit at each examination.]

### ANNAPOLIS.

1. Ruby Annie Corbitt.
2. Arthur Henry Coffin.
3. Lewis Smith McClelland.
4. Cyril Heber Brittain.
5. Josephine Horton McKay.
6. Robert Skinner Copeland.
7. Jennie Irene Edwards.

### ANTIGONISH.

1. Nicholas Purcell.
2. Stella Strophe.
3. Kathleen Clarkin.
4. Flossie McDougall.
5. Mary Rose McGillivray.
6. Dan Chisholm.
7. Mary Ellen McEachern.
8. Isabella Chisholm.
9. Margaret Purcell.
10. Joseph McDonald.
11. Libby Campbell.
12. Richard Wilmot.
13. Mary McGillivray.
14. Angus McDonald.
15. Charlotte McDonald.
16. John Fraser.
17. Harry Ryan.
18. Mary Kate McInnis.
19. Joseph Sears.
20. Roche Donohue.
21. Harold Power.
22. Annie McDonald.
23. Thomas Carter.
24. Jared Ryan.
25. Frank McGillivray.

### CAPE BRETON.

1. Louise Bowdridge.
2. Etta Kelley.
3. Alexander McNeil.
4. William Cusack.
5. Blanche Grantmyre.
6. Florence Taylor.
7. Richard McGowan.
8. Charles McDonald.
9. Emily Kendall.
10. Annie McKenzie.
11. Annie McLeod.
12. Edith Dickenson.
13. Angus McLeod.

14. Gustave Murchy.
15. Harry Baker.
16. Maggie McLean.
17. John Kyte.
18. Percy Hardt.
19. Ernest Phillips.
20. Bertha McLean.
21. Mabel McDonald.
22. John O'Neal.
23. Frank Townsend.
24. Mary Ann McDonald.
25. Hattie Munn.
26. Catherine McRury.
27. Hugh McLeod.
28. Bert Powers.
29. Lottie McKenzie.
30. Harold Lewis.
31. Naomi Tingley.
32. Maud Bezanson.
33. Lennie Armstrong.
34. John Farquharson.
35. May Petterson.
36. John McLeod.

### CLARE.

1. Horace Dominic Massot.
2. Agathe Mary Dugas.
3. Emma Bourneuf.

### COLCHESTER.

1. Bennie Moxon.
2. Victor Cox.
3. Charlotte Layton.
4. Violet McDonald.
5. Pearl Brownell.
6. Charles Archibald.
7. Annie Dickie.
8. Jessie Wright.
9. Aubrey Archibald.
10. Rachel Dickson.
11. Mona Gordon.
12. Nellie Christie.
13. Ethel Hanson.
14. Mabel Leaman.
15. Dan McLeod.
16. Bessie McIntosh.
17. Earl White.
18. Jessie Smith.
19. Laura Fraser.
20. Frank Barnhill.
21. Blanche McKay.

22. Greta Archibald
23. Stanley Archibald.
24. Gordon Wright.
25. Jessie Williams.
26. Arnold Bentley.
27. William Aston.
28. Ralph Aston.
29. Grace Smith.
30. Edward Stewart.
31. Jessie Jarvis.
32. Jennie Christie.
33. Burpee Lynds.
34. Dorothea Blanchard.
35. Beatrice Chambers.
36. Lilly Creelman.
37. Howard Munsie.
38. Minnie Bartlett.
39. Roy Nichols.
40. Alfred Murray
41. Charles Marsters.
42. Muriel Christie.
43. William Norris.
44. Mary Gordon.
45. William Snook.
46. Charles Urquhart,
47. Dorothea Smith.
48. William Connors.
49. Walter Brown.
50. Joseph Guinan.
51. Louise Fulton.
52. Frank Fox.
53. Minnie Wynn.
54. Albert Tompkins.
55. Winnie McCurdy.
56. Charles McDonald.
57. Olive McLaughlin,

#### CUMBERLAND.

1. Julia Agnes Blanche.
2. Gertrude McKenzie.
3. Emma Dora Knight.
4. William Offen Bell.
5. James Edward Harrison.
6. May Frederika Garvin.
7. Bessie Mabel Pipes.
8. Martha Cecelia Ripley.
9. Harold Hockin.
10. Gerald Ernest Weir.
11. Karl Davis Murdock.
12. Helena Lauretta Donalds.
13. Bertha Susanna Allaby.
14. Nellie Fowler.
15. Victoria Alexandra Thompson.
16. Hattie Lawson McCaughy
17. Edith Sara Glennie.
18. Robert Knowlton Smith.
19. Hilda Mary McLean.
20. Annie May Davis.
21. Nathaniel Rennie Curry.
22. Hazel Lillian Marston,
23. Annie May Jackson.
24. Graham James Cooke.
25. Kate Janet Currie.

#### DIGBY.

1. Winifred Fairweather.
2. Carolyn Viets.

3. Percy McNeill.
4. Edric Titus,
5. Winifred Marion Stewart.
6. Marguerite Sproule
7. Bertha Barbara Post.
8. Margaret A Turnbull.

#### GUYSBORO.

1. Harry Wheaton.
2. Katie Louise Morgan.
3. John Robert Maguire.
4. Annie Agatha Hadley.
5. Charles Everett Whitman.

#### HALIFAX.

1. Medley Kingdom Parlee.
2. Louise James Roy.
3. Mildred Brokenshire.
4. Genevieve Margaret O'Connor.
5. Kate Naylor.
6. Muriel Annie Dorey.
7. Guy Stuart Goodwin.
8. Georgene Lillian Faulkner
9. Walter Welton Read.
10. James Sidney Harrington.
11. Robert Freeman.
12. George Johnson.
13. Bernice Blakeney.
14. Charles Dunn Mylius.
15. Eileen Gladys Medlen.
16. Mary Isabelle Murray.
17. Arthur Kenneth Hermann.
18. Blanche Glendenning.
19. Elsie Madeline Silver.
20. Harold Kirkham Gorham.
21. Margaret Lavinia Steeves.
22. Paul Rogers Flemming.
23. Eva Elizabeth O'Brien.
24. George Evans Hermann.
25. Richard Francis Ronnan.
26. Harry Goudge Grant.
27. Rita Natalie Dunn.
28. Geoffrey Alden Barss.
29. Julius Robert Cornelius.
30. Thomas William Hopkins.
31. Reginald Artz Major.
32. Geraldine May Sterns.
33. Hilton Burpee Witter.
34. Frank Arthur.
35. Daisy Dorothy Hayes.
36. John Shenstone Roper.
37. Charles Stevens Major.
38. Susan Miriam Richardson.
39. Catherine Roche.
40. Gordon William Wolfe.
41. Gerald DeWolf.
42. Helen MacGregor Dustan.
43. William Ralph Rennels.
44. Ethel Jean Bond.
45. Mary Sophia Fulton.
46. Margaret Lillian Boutillier.
47. Iva Viola Dickey.
49. Elsie May Keating.
50. Frances Bland.
51. Geoffrey Morrow Brown.
52. Edith Butcher.
53. George Peters.

54. Kathleen Mann DeWolfe.
55. Henry Layton Fisher.
56. Leah Nicoll.
57. Charles Reginald Strickland.
58. Sydney Albert Annand.
59. Gladys Irene Billman.
60. Zella Stuart.
61. Ralph Gould Annand.
62. Robert Ferrier Burns Wood.
63. Robert Arthur Neish.
64. Ethel Teasdale Bowser.
65. Katherine Howe Cunningham.
66. Mary Lyons.
67. Ella Augusta Schulze.
68. Ernest Lee Teasdale.
69. Mary Florence Armitage.
70. Lillie May Morris.
71. Edna Branstone Gillis.
72. Jennie Louise Merrick.
73. George William Hopkins Parlee.
74. Lily Lowe.
75. Gertrude Maude Gentles.
76. Eugene Mellish.
77. Augusta Anne Naufts.
78. Ella Gertrude Roome.
79. Charles Brynes.
80. James Alan MacKenzie.
81. William Charles Leverman.
82. Thomas Athole McConkey.
83. Irene Frances Williston.
84. Annie Wilson.
85. Bernice Curry Wilson.
86. Lucy Condon.
87. Mabel Constance Moseley.
88. Margaret Adele Christie.
89. Ainley Thompson Croft.
90. Clifford Henry Crease.
91. Miriam Binnie Moore.
92. Evelyn May MacEachern.
93. Muriel Victoria Crump.
94. Frank Gordon Mack.
95. George William Thomson.
96. Sara Miller Dennis.
97. Gordon Harvey Gillis.
98. Annie Louisa Munro.
99. John Abram Brown.
100. Gladys Irene Barnaby.
101. Robert Joseph Brown.
102. Georgina Medora Graham.
103. Guy Henry Roy.
104. Julia Beatrice Nickerson.
105. Ernest George Rennels.
106. Charles Sydney Creighton.
107. Norman Eckersley.
108. Annie Drysdale.
109. Florence Mary Hilton.
110. Edna Maude Jost.
111. Walter Reginald Dickie.

**HANTS.**

1. Hans Bober.
2. Evelyn Slack.
3. Clara Love.
4. George McKinnon.
5. Maunse Cox.
6. Bernard Campbell.
7. Lionel Forsythe.
8. Cyretha Houghton.

9. Lida Russell.
10. Mabel McElhenney.
11. Audrey Fox.
12. Stuart Barnes.
13. Lennie Crossley.
14. Cecil Delhofe.
15. Lizzie Baxter.
16. Ethel Roach.
17. Maude Seymour.
18. Hattie Vaughan.

**INVERNESS.**

1. Stella Wade.
2. J. Vivien Gray.
3. Hugh Walsh.
4. Gertrude Cumming.
5. John J. McLellan.
6. John W. McIntyre.
7. John McMaster.
8. R Leslie McLean.
9. Seward McDonnell.
10. John A. Chisholm.

**KINGS.**

1. Christine Sadie Webster.
2. Percy Margeson.
3. Apperley Willard Porter.
4. Mabel Dow.
5. Mary Helen Smith.
6. Ella Vera Strong.
7. Thomas Stuart Dow.
8. Leah Ellen Burbidge.
9. Aubrey Christian Fraser.
10. Lillie Viola Reeves.
11. Lois Adelaide Porter.

**LUNENBURG.**

1. Maurice Smeltzer.
2. Minnie Berringer.
3. Minnie Anderson.
4. Frances Corkum.
5. Harvey Eisenhauer.
6. Eva Rafuse.
7. Otto Hahn.
8. Eva Wilson.
9. Mary Chesley.
10. Ada Rudolf.
11. Jessie Bailley.
12. Nellie Cossman.
13. Muriel Polley.
14. Lillian Veinotte.
15. Beatrice Bailley.
16. Claribel Hebb.
17. Gladys Moss.
18. Gladys Myrer.
19. Nellie Hall.
20. Fanny Zinck.

**PICTOU.**

1. Mildred McEwan.
2. Richard McDonald.
3. Fred G Carson.
4. William Grant.
5. John J Macellan.
6. Emma McKenzie.

7. Edgar A Reid
8. Jack Noonan.
9. Daniel Forrester.
10. Warren Clark.
11. William Brown.
12. Elsie McKimmie.
13. Marion Armstrong.
14. Tena McKenzie.
15. Ethel Hockin.
16. Tena McDonald.
17. James English.
18. James Creelman.
19. William Noonan.
20. James Munro.
21. Havelock R Maxwell.
22. Alice Heighton.
23. Clair English.
24. Albert Harris.

**QUEENS.**

1. Vivien Amanda Freeman.
2. Robert Darrow Inness.
3. Jessie Lauretta West.
4. George Kenneth Hammett.
5. Harry Duncan Drew.
6. Walter McLeod.
7. Hastings deBlois Wetmore.
8. Charles Aldridge West.
9. Alice Louise Jondrey.
10. Clare Ellen Mack.
11. Jessie Camilla Chisholm.
12. William Adolphus Letson.
13. Mattie Agnes Gold Dexter.
14. Bernard James Smith.
15. Eva Charlotte Gardner.
16. Gerald Ernest Gardner.
17. Ethel Victoria Wolfe.
18. Sidney John Gardner.
19. Ross Parker Millard.
20. Jabez Stanley Godfrey.

**RICHMOND.**

1. Murdoch Alexander MacPherson.
2. Raymond Wallace Devereaux
3. Henry Arthur Linloff.
4. Ida Willena Miller Cameron.
5. Clara Virginia Bissett.
6. Aubrey Douglas Morrison.

**SHELburnE.**

1. Nellie Swanburg.
2. Jennie Hogg.
3. Jessie Miller.
4. Gladys McGinnis.

5. Bertha Cameron.
6. William Coumans.
7. Laura Harding.

**VICTORIA.**

1. Ben Howes Blanchard.
2. Neil McNeill.
3. Vida Hilda Ingraham.
4. Dan Hutchison.
5. Tommie McLeod.
6. Susie Marie Campbell.

**YARMOUTH.**

1. Randal McDonald.
2. Gordon Frost.
3. Blanche Hood.
4. Jennie Brown.
5. Lillian Corning.
6. Frances Leary.
7. Blake Kempton.
8. Gertrude Lumsden.
9. Frederic Gardner.
10. Murray Lewis.
11. Harry Larkin.
12. Charlotte Ricker.
13. Hazel Crosby.
14. John Trefry.
15. Guy Pelton.
16. Nellie Wallis.
17. Catherine Farish.
18. Jessie Muise
19. Stephen Killam.
20. Beatrice Larkin.
21. Cecil Eaton.
22. Evelyn Cook.
23. Josephine Fitzgerald.
24. Iva Patterson.
25. Mary Moores.
26. Thayne Ewan.
27. Deborah Crowell.
28. Georgie Holmes.
29. Hilda Millen.
30. Murray Hines.
31. John Godfrey.
32. Gordon Hurlburt.
33. Jean Miller.
34. Katie Chisholm.
35. Elisha Powers.
36. Muriel Hood.
37. Ralph Harding.
38. George Eaton.

*Supplementary.*

39. Hazel Goudley.



# PASS LIST, 1903.

## PROVINCIAL HIGH SCHOOL EXAMINATION.

[The valuation of Candidates' examination papers is made by the Provincial Examiners, according to the Regulations of the Council of Public Instruction.]

REG. 91. To make a "High School Pass" on Grades IX, X, and XI, the candidate must make, at least, the *minimum aggregate* (400 or more) of the grade on any eight papers with no subject below 25.

REG. 92. To make a "High School Pass" on Grade XII, the candidate must make, at least, the *minimum aggregate* (1,000 or more) on the subjects prescribed, with no subject below 25.

A candidate who makes an aggregate of 600 on any ten papers of Grade XII, and an aggregate of 500 on a set of ten different papers of the Syllabus at a subsequent examination, or who makes an aggregate of 1,000 on twenty papers of the Syllabus, or who has already taken a XII (cl), a XII (sc), or an "A" License, may thereafter present himself for examination on any of the subjects on which he may not have made, at least, 50 per cent. at a previous examination; and so long as the Council of Public Instruction deems the character of the examinations on the subjects not materially changed, all the valuation marks 50 per cent. or above made on each subject at the said and following examinations may be incorporated into a single Certificate, provided, at least, 50 per cent. be made on each of the (twenty) subjects required for the Grades XII (cl), or XII (sc), or on each of the (thirty) subjects in the full course for XII (cl and sc).

REG. 93. Candidates failing to make a pass in the grade applied for may be ranked as making a pass in the next grade below, provided 75 per cent. of the *minima* be made; and as making a pass on the grade second below, provided 50 per cent. of the *minima* be made.

(See comments and regulations of the Council of Public Instruction. "Provincial Examination of High School Students," Reg. 82 to 96, pages 86 to 90. Manual 1901.)

### AMHERST.—(87 candidates).

#### XII.—(2 candidates.)

Victoria Berry Brown	1160 XII cl.
James Henry Elliott	1053 XII sc.

#### XII "Partial" (1 candidate)

Mabel Lavinia Hockin (passed in 9 subjects)	720 XII
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#### XI. (19 candidates.)

Helen Clarissa Bell	805 XI
Jean Borthwick Lay	688 "
Walter Claire Fillmore	686 "
Kenneth Gordon Craig	681 "
Leita Leith Lawson	594 "
John Tremain Roach	561 "
Emma Isabel Glennie	528 "
Walter Tremain Purdy	514 "
Aubrey Thomas Ripley	510 "
Clarence Gardiner Moffatt	474 "
Whylie Ervin Hannah	456 "
Annie Margaret Fitchett	444 "
Edith Agnes Johnson	431 "

#### X. (25 candidates.)

Mary Helen Shipley	395 XI
Hazel Fowler Baird	371 "
Roland Morse Blenkhorn	368 "
John Seaman Bates	341 X
William David Gilbert Lawrence	795 "

Alexander William Jones	646 "
James LeRoy Lawson	626 "
Courtney Clara Chapman	584 "
Harry Amos Logan	575 "
Cecil Ivan Curry	573 "
Lydia William Calder	556 "
Daisy Mercedes Ripley	554 "
Mary Linwood Pugsley	534 "
Elsie Cresswell	515 "
Annie Isabelle Mitchell	487 "
Stella Rockwell	469 "
Hattie Maria Webb	467 "
Walter Trenholm Mattinson	455 "
Margaret Mamie Smith	452 "
Charles Alexander Robb	450 "
Helen Atkinson	441 "
Bertha Blanche Barnes	426 "
Ethel Fawcett Blenkhorn	} 424 "
Annie Mabel Rector	

#### IX (40 candidates.)

Mary Elizabeth Wood	380 XI
Helen Maude Christie	664 IX
Maria Theresa Costin	575 "
Eva Alma Smith	568 "
Ralph Flemming Bates	566 "
James Arthur Tait	564 "
Jean Muriel Johnson	560 "
Walter Herbert McKie	558 "
Flora Blanche Seaman	554 "
Ethel May Munsie	527 "
Jean Esmond Craig	510 "
Morley Kenneth Pugsley	509 "
Grace Dermott Baird	503 "

Margaret Abbie Calder.....	501	"
Robert Christie Hatherly.....	495	"
Nellie Margaret Black.....	493	"
Mabel Lillian Page.....	486	"
Emma Florence Ambrose.....	484	"
Myrtle Atkinson.....	479	"
Vera Travis.....	474	"
Edith Mary Lawson.....	468	"
Charles Michael Brown.....	459	"
Lulu Alberta Brownell.....	453	"
Mary Jean Gates }.....	452	"
Vera Minerva Kelly }.....	452	"
Della Minnie Allen.....	433	"
Florence May Atkinson.....	427	"
Winnifred Carson Robertson.....	422	"
Frank Murdoch McIver.....	418	"
Maggie Bell Fraser }.....	411	"
Charles Graham Ross }.....	411	"
Norman Russell Angus.....	409	"
Agnes Bessie Black.....	406	"
Unsuccessful (2 XI, 4 X, 8 IX.).....	14	

**ANNAPOLIS.**—(57 candidates.)

XI. (17 candidates.)

Nellie McGregor MacMillan.....	473	XI
Allen Boyd Crowe.....	462	"
Annie Mayo Sutherland }.....	434	"
Lottie Edna Walker }.....	434	"
Reginald Chalmers Woodbury.....	425	"
Jean Ruggles Walker.....	418	"
Irene Clark Balcom.....	405	"

X. (18 candidates.)

Laura May Whitman.....	393	XI
Hattie Grace Mills.....	391	"
Gertrude Lockward.....	379	"
Frank Nelson Halliday.....	378	"
Ida Mary Buckler.....	372	"
Caroline Bogart.....	363	"
William Mordaunt Haliburton.....	357	"
Jennie Louise MacKay.....	347	"
Amy Ethel Barteaux.....	502	X
Wallace Lenly Henshaw.....	462	"
Grace Edgecombe Lockward.....	460	"
Nellie Evans McDarmond.....	454	"
Arthur Welsh Amberman.....	443	"
George Edgar Hunt.....	417	"
Emily Josephine Buckler.....	414	"

IX. (22 candidates.)

Ruth Hall Winchester.....	396	X
Eva Blanche Moore.....	394	"
Annie Winnifred Eaton.....	387	"
Marie Estelle Eaton.....	366	"
Fritz Burkett Balcom.....	357	"
Annie Eliza Roop.....	352	"
Louise Mundy Winchester.....	320	"
Annie Josephine Bertaux.....	631	IX
Avard Reginald Buckler.....	561	"
Lulu DeBlois Zwicker.....	558	"
Gratia Janet Millner.....	556	"
Wilfred Ruggles Bohaker.....	537	"
Arthur Roger Patton.....	529	"
Florence Louise Ruggles.....	519	"
Lillian Maude Sutherland.....	514	"

Helen MacArthur Hardwick.....	513	"
Ella Elizabeth Woodworth.....	478	"
Emma Pearl LeCain.....	455	"
Richard Henderson Hardwick.....	425	"
Percival Whitman Farnsworth.....	424	"
Fannie Alecia O'Dell.....	418	"
Lemma Beatrix VanBuskirk.....	414	"
William Henry Morrow.....	412	"
Unsuccessful (2 XI, 4 X, 6 IX.).....	12	

**ANTI-ONISH.**—(79 candidates.)

XII. (3 candidates.)

Cornelius Connolly.....	1170	XII <sup>sc</sup>
Willie Alexander Macdonald.....	1085	" cl
John Hugh Macdonald.....	1053	" cl

XI. (20 candidates.)

Annie Ethel Jocelyn.....	578	XI
Matilda McIntyre.....	565	"
Mary Ellen Sampson.....	451	"
Dolena Rosalie Macdonald.....	446	"
Mary Gillis.....	432	"

X. (30 candidates.)

Theresa McGillivray.....	395	XI
Daniel Duncan Chisholm.....	388	"
Jennie Florence MacIntosh.....	387	"
Mary MacKenna.....	384	"
Margaret Sophia Webb.....	362	"
Margaret Ann McGillivray.....	339	"
Alexander A McGillivray.....	338	"
Rachel Mildred Murray.....	320	"
Mary Campbell.....	516	X
Robert Ebenezar Inglis.....	493	"
Harold Cunningham Robinson.....	466	"
Margaret A Macdonald.....	464	"
Margaret Mary Hanifen.....	444	"
Janie Agnese Chisholm.....	423	"
Mary Christina Macdonald.....	411	"
Ronald Angus Macdonald.....	401	"

IX. (36 candidates.)

Ronald McDonald.....	327	XI
Mary Elizabeth Brown.....	317	"
Katherine McIsaac.....	221	"
Josephyne O'Toole.....	213	"
Catherine Isabella McLean.....	478	X
Christina Chisholm.....	414	"
Thompson John Mullins.....	396	"
Margaret Isabella Chisholm.....	394	"
Hugh Harold Macphie.....	365	"
Margaret MacEachren.....	362	"
Elizabeth McGillivray.....	346	"
Charles Joseph McGillivray.....	328	"
Florence Taylor.....	615	IX
Sadie Flynn.....	548	"
Florence Macdonald.....	522	"
Sarah Belle Leydon.....	505	"
Joseph Andrew Boyle }.....	502	"
Isabella Chisholm }.....	502	"
Gladys Ernestine Strophe.....	485	"
Florence Macdonald.....	467	"
Eva Macdonald.....	466	"

Mabel Christina Cummings.....	435	"
Angus Dugald Macdonald.....	427	"
Mary Christina Cameron.....	418	"
Unsuccessful (3 XI, 4 X, 24 IX).....	31	"

**ARICHAH.**—(22 candidates.)

XI. (5 candidates.)

Marie Margaret Martel.....	661	XI
Joseph Stephen Boyle.....	608	"
Zabine Rose LeBlanc.....	450	"

X. (6 candidates.)

James Fraser Hynes.....	368	XI
John William Macneil.....	315	"
Theresa Florence Barrett.....	601	X
Alfred George Gagnon.....	485	"
Mary Blanche Sutherland.....	468	"
Alfreda Marie Leslie }.....	415	"
Minnie M White }		

IX. (11 candidates.)

Alvena Doucett.....	582	IX
Wilbert Thomas Martell.....	551	"
Wilfred Thomas Gagnon }.....	549	"
Mary Ella McNeil }		
Agatha Forrest.....	459	"
Henrietta Mury.....	424	"
Leo Joseph King.....	418	"
Unsuccessful (1 X, 4 IX).....	5	"

**BADDECK**—(57 candidates.)

XI. (13 candidates)

John Roderick MacLeod.....	505	XI
Dan Alexander McLennan.....	485	"
Dan John Nicholson.....	478	"
Robert Amos Rice.....	443	"
Annie Sadie Mackenzie.....	439	"
Florence Catherine McKay.....	417	"
Jessie Macaulay.....	411	"

X. (19 candidates.)

May Armenia Campbell.....	375	XI
Charles Alex. MacRae.....	353	"
Mary Isabelle MacRae.....	531	X
James Francis MacCharles.....	500	"
Mary Ann McMillan.....	478	"
Robert John MacGregor.....	462	"
Roderick Owen Bethune.....	454	"
Margaret Ann MacRae.....	434	"

IX. (25 candidates.)

John Robert MacKenzie.....	398	XI
Donald Nicholson.....	203	"
Dennis Francis Flemming.....	426	X
Murdock John McIver.....	390	"
Sarah Agnes McLean.....	389	"
Annie Margaret Morrison.....	366	"
John Alexander MacLeod.....	363	"
Sadie Campbell.....	361	"
Alexander Cavin Fader.....	354	"
Ian Philip MacDonald.....	605	IX

Duncan Alex MacMillan.....	550	"
John David Mac Kenzie.....	546	"
Garfield Theophilus Rice.....	543	"
Peter MacAulay.....	521	"
Tena Harriet Macleod.....	505	"
Malcolm, MacLeod.....	494	"
Robert John MacRae.....	468	"
Benjamin Russell Rice.....	447	"
Georgina Jessie MacRae.....	411	"
David F. MacInnes.....	401	"
Unsuccessful (2 XI, 6 X, 14 IX).....	22	"

**BARRINGTON.**—(41 candidates.)

XI. (6 candidates.)

Wallace Ellsworth Brannen.....	502	XI
William Joseph Perry.....	466	"
Mary Lois Knowles.....	458	"

X. (20 candidates.)

Myrtle Collins Wilson.....	349	XI
Myzie Maud Swaine.....	318	"
Elvah Belle Thomas.....	547	X
Edith May Bethell.....	503	"
Sadie Belle Nickerson.....	502	"
Genesta Etta Goodwin }.....	494	"
Jean Alma Littlewood }		
Rosie Collins Black.....	482	"
George Lewistcn Wilson.....	466	"
Oda Usherwood Larkin.....	460	"

IX. (15 candidates.)

Fannie Eliza Hopkins.....	451	X
Katie Evangeline Christie.....	434	"
Estella Sophia Doane.....	394	"
Annie Pauline Trefry.....	368	"
Nina Ethel Snow.....	343	"
Beulah Bente Ross.....	618	IX
Kate Matilda Hopkins.....	556	"
Muriel Estelle Atkinson.....	553	"
Adeleua Odessa Swayne.....	521	"
Grace Hayden Cunningham }.....	516	"
Jessie Kate Kirk }		
Avis Ella Reynolds.....	509	"
Mattie Morrissey.....	508	"
Winifred Stuart Wilson.....	484	"
Eulalie Nickerson.....	413	"
Unsuccessful. (1 XI, 7 X, 5 IX).....	13	"

**BERWICK.**—(68 candidates.)

XI. (21 candidates.)

Hattie Bell Rowly.....	496	XI
Louis Pens Skinner.....	477	"
Katie Gertrude Woodworth.....	468	"
Nettie Blanche Cox.....	466	"
Clyde Clifton Chute.....	441	"
Victoria Ada MacBride.....	423	"
Bertha May Cornwall.....	403	"

X. (20 candidates.)

Sadie Evelyn Cox.....	390	XI
Iva Eileen Parker.....	378	"
Effie Patterson.....	378	"
Winnie Erasta Robinson.....	339	"
Allice Rebecca Kinsman.....	325	"

Elida Worth Foote .....	504	X
Jennie May Tobin .....	488	"
Sophia Beryl Sanford .....	477	"
Annabelle Beatrice Johnstone .....	440	"
Alma Francis Harrison .....	424	"
Reca Kinsman Foote .....	417	"
Mary Eliza Kinsman .....	412	"

## IX. (27 candidates).

Nina Burpee Illsley .....	365	XI
Kathleen Amelia Clarke .....	291	"
Gertrude Zenoba Ewing .....	230	"
Frank Leslie Neiley .....	474	X
Lena Merilene McMahon .....	396	"
Vernon Ethelbert Chute .....	381	"
Ella May Randall .....	352	"
Margaret Blanche Ewing .....	326	"
William Harris Skinner .....	323	"
Emma Bell West .....	319	"
Gertrude Laura Marshall .....	530	IX
Hettie Morse Chute .....	508	"
Milford Wheelock Pierce .....	498	"
Percy Leroy Sanford .....	495	"
Howard Martin Taylor .....	475	"
Eva Lorena Finley .....	463	"
Fanny Lavaughn Chute .....	453	"
Lloyd Vaughan Margeson .....	450	"
Arthur Cyril March .....	417	"
Minnie May Chute .....	408	"
Reginald Price Kinsman .....	405	"
Unsuccessful. (6 XI, 6 X, 16 IX) .....	28	

## BRIDGETOWN.—(82 candidates.)

## XI. (15 candidates.)

Grace Lavinia Woodward .....	425	XI
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## X. (29 candidates.)

Percy Thomas Anderson .....	395	XI
Mary Jerniah Craig .....	393	"
Lillie Louise Phinney .....	351	"
Joseph Dennison Beardsley .....	343	"
Edna Beatrice MacPherson .....	314	"
Emma Lavinia Drew Johnson .....	602	X
Rosa Teresa Langmire .....	570	"
Mary Jane Eaton .....	522	"
Annie Louise Jackson .....	512	"
Dudley Judson Barteaux .....	500	"
James John Young .....	486	"
Florence Geneva Bishop .....	480	"
Henry Everett Hall .....	473	"
Ann Elizabeth Gesner .....	458	"
Grace Darling Brooks .....	432	"
Florence Beatrice Morse .....	427	"
John Wilson Prinrose .....	425	"
Leona Emmeline Forsythe .....	417	"

## IX. (38 candidates.)

Lizzie Landers Clarke .....	210	XI
Grace Berenice Woodbury .....	444	X
Aimee McNeill Fay .....	407	"
Edith May Morse .....	406	"
Harold Graham Longley .....	386	"
Alfaretta McLennan .....	355	"
Annie Maria Whitman Spurr .....	354	"

Leola Montey Woodward .....	351	"
Gertrude Eva Taylor .....	343	"
Alice Beckwith Gillis .....	325	"
Eugene Troop Parker .....	585	IX
Bessie Louise Troop .....	556	"
Robert Heber Hoyt .....	545	"
Owen Albert Craig .....	539	"
Nina Merle Fisk .....	535	"
Hannah Eliza Tanch .....	531	"
Susie Winnifred Kempton .....	517	"
Chester Allen Wade .....	515	"
Fritz Herbert Rice .....	492	"
Alice Mary Cunningham .....	486	"
Alberta Blanche Messenger .....	485	"
Annie Isadora Gesner .....	470	"
Arthur Camber Dodge .....	464	"
James Allen Rice .....	454	"
Jennie MacGeorge Fellows .....	451	"
Hettie Chute Cropley .....	446	"
William Ewart Gladstone Bishop .....	441	"
Evelyn Morse .....	427	"
Annie Marion Longley .....	420	"
Alice Maude Troop .....	411	"
Unsuccessful (8 XI, 7 X, 18 IX) .....	33	

## BRIDGEWATER.—(65 candidates.)

## XI. (11 candidates.)

Antoine Langille .....	440	XI
Avard Leo Prince .....	442	"

## X. (25 candidates.)

Alma Waterman .....	396	XI
Frank Freeman .....	387	"
Jessie Eva Wile .....	365	"
Lavinia Ina Hebb .....	347	"
Blanche Eva Brooks .....	327	"
Alton Roy Manning .....	323	"
Eva St Clare Hawksworth .....	313	"
Grace Marjorie Tupper .....	610	X
Helen Stewart Mackay .....	536	"
Etta May Hirtle .....	509	"
Emily Pearl Mouzar .....	505	"
Agnes Valetta Mangler .....	499	"
Jennie Beatrice Rafuse .....	483	"
Elva Belle Hebb .....	467	"
Mary Alma Burns .....	466	"
Alma Mary Bolivar .....	444	"
Cassie Emma Belle Corkum .....	433	"
Effie May Mangler .....	401	"

## IX. (29 candidates.)

Joseph Reginald Cook .....	345	XI
Sadie Ida Snyder .....	457	X
Leah Catherine Bell .....	396	"
Susie Bernice Silver .....	394	"
Arthur Wilfred Hebb .....	551	IX
Laura Adelaide Wentzel .....	519	"
Robert Hunter Duff .....	517	"
Hannah Grace Bollivar .....	506	"
Laliah Ann Mouzar .....	506	"
Catherine Elizabeth Wolfe .....	473	"
Gordon Maurice Hebb .....	472	"
Ethel Blanche Mouzar .....	470	"
Gertrude Elizabeth Bell .....	470	"

Arabelle Ernst . . . . .	462	"
Annie May Zinck . . . . .	461	"
Irvin Alexander Jodrey . . . . .	460	"
Bernice Lucretia Deal . . . . .	456	"
Grace Hayward . . . . .	447	"
Edith Cecilia Richard . . . . .	444	"
Hattie Evelyn Lacy . . . . .	419	"
Lizzie Marion Pemby . . . . .	413	"
Gilbert Johnston Manning . . . . .	410	"
Nellie Pauline Cook . . . . .	404	"
Allan Sutherland Tupper . . . . .	404	"
Unsuccessful (1 XI, 10 X, 10 IX.) . . . . .	21	

**CANSO.**—(16 candidates.)

XI. (1 candidate.)

Sarah Elfreda Boyd . . . . .	474	XI
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X. (4 candidates.)

William Thomas McKeough . . . . .	494	X
Florence Brown Ward . . . . .	490	"
Muriel Joyce Barss . . . . .	489	"
Margaret Ann Greene . . . . .	481	"

IX. (11 Candidates.)

Georgina Celia Jenkins . . . . .	615	IX
Lila Maud Barrigan . . . . .	589	"
Blanche Elizabeth McLaine . . . . .	541	"
William Donald Brown . . . . .	522	"
Hazel Caroline Bigelow . . . . .	519	"
Ester Ann Hurst . . . . .	517	"
Francis Violet Courteau . . . . .	487	"
Unsuccessful (4 IX.) . . . . .	4	

**CHESTER.**—(18 candidates.)

XI. (1 candidate.)

Nina Evangeline Hennigar . . . . .	424	XI
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X. (7 candidates.)

Eva Louisa Nauss . . . . .	577	X
Lionel Robert Lordly . . . . .	568	"
Olie Burgess Webber . . . . .	471	"
Edgar Fenwick Williams . . . . .	430	"

IX. (10 candidates.)

Whitman Horiatio Webber . . . . .	378	X
Grace Pearl Hawboldt . . . . .	377	"
Orville Arthur Redden . . . . .	647	IX
Edwina Ratcliff Lordly . . . . .	593	"
Austin Alvin Zinck . . . . .	517	"
Elsie Jane Nauss . . . . .	440	"
Unsuccessful (1 X, 6 IX.) . . . . .	7	

**CHURCH POINT.**—(32 candidates.)

XI. (2 candidates.)

Annie Margaret Hainey . . . . .	351	XI
Mary Catherine Hainey . . . . .	336	"
John Edmund Belliveau . . . . .	526	X

James Bernard Musie . . . . .	504	"
Joseph Willie Comeau . . . . .	456	"
George Moses Thibodeau . . . . .	440	"

IX. (20 candidates.)

Denis Deveau . . . . .	390	X
Helena Hassett . . . . .	306	"
Beatrice Thibodeau . . . . .	570	IX
Mary Marguerite Gilbride . . . . .	516	"
Beatrice Mary Deveau . . . . .	510	"
Joseph Edmond Deveau . . . . .	490	"
Disa Margaret Varner . . . . .	466	"
Mary Rose Comeau . . . . .	457	"
Alfred Sheehan . . . . .	446	"
Hazel Gertrude Foote . . . . .	435	"
Mary Theresa Robicheau . . . . .	429	"
Mary Beatrice Dugas . . . . .	419	"
Unsuccessful (1 XI, 3X, 10 IX.) . . . . .	14	

**DIGBY.**—(70 candidates.)

XII. "Partial." (1 candidate.)

XI. (16 candidates.)

John Russell . . . . .	558	XI
Frederick Myles Turnbull . . . . .	554	"
Lavina Elmora Wilson . . . . .	552	"
William Josiah Wright . . . . .	544	"
Jennie Alda Croscup . . . . .	531	"
Nellie Bethiah Purdy . . . . .	496	"
Francis Millidge Milligan . . . . .	473	"
Lizzie McWhinnie . . . . .	325	"
Harriet Ellen Chisholm . . . . .	414	"

X. (23 candidates.)

Francis Jane Austen . . . . .	381	XI
Ina May Rice . . . . .	331	"
Annie Gertrude Morse . . . . .	307	"
Eva Baker Kennedy . . . . .	614	X
Lita Hall Trask . . . . .	539	"
Harriet Maude Holdsworth . . . . .	528	"
Kate Josephine Russell . . . . .	516	"
Mabelle Florence Harris . . . . .	510	"
Curtis Lisle Denton . . . . .	503	"
Bertha May Woodworth . . . . .	494	"
Howe Ray Turnbull . . . . .	485	"
Ada Saphronia Harris . . . . .	482	"
Bessie Bonnell Turnbull . . . . .	480	"
Harold Hooper . . . . .	474	"
Cora Mabel Harris . . . . .	471	"
Monetta May Letteney . . . . .	467	"
Agatha Bowman Robinson . . . . .	466	"
Effie Gertrude Hines . . . . .	440	"
Mary Louise Evans . . . . .	404	"
Uila Sifina Turner . . . . .	402	"

IX. (30 candidates.)

Mae Ellen Oxner . . . . .	337	XI
Whyna Ianth Harris . . . . .	306	"
Kenneth Lee Crowell . . . . .	423	X
Ray Davenport Miller . . . . .	399	"
Mary Jane Johnson . . . . .	383	"
Ernest Vernon Johnson . . . . .	382	"
Minnie Laura Snow . . . . .	336	"
Muriel Brading Dudley . . . . .	619	IX

Jennie May Adams	603	"
Archie Hayden Trivoy	586	"
Marion Alberta Morgan	585	"
Marion Bancroft	581	"
Helen Bancroft	579	"
Philip Sydney Beals	572	"
Edith Pearl Letteney	526	"
Annie Blanche Chute	525	"
Bertha Sweet Van Tassell	504	"
Rowena Josephine Kinney	496	"
Harold Cossaboom	487	"
Agnes Maud Young	481	"
Joanna Thompson Ellis	479	"
Lena Dell Anderson	475	"
Zella Mande Rice	460	"
Gladys Bermuda Abbott	457	"
Jessie May Lewis	436	"
Paul Raynor Parker	432	"
Myrtle Florence Lambertson	428	"
Atlee Bernard Clark	411	"
Lytha May Doty	403	"
Renetta Marion Kinney	400	"
Unsuccessful (1 XII "Partial," 2 XI, 1 X, 7 IX.)	11	

**GLACE BAY.**—(20 candidates.)

XI. (1 candidate.)

Angus Gillis Macaulay	447	XI
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X. (9 candidates.)

Katie Elizabeth Phillips	520	X
Dorothea Jennie McInnis	466	"
John McNeil	461	"
Ella Annie Kelly	456	"

IX. (20 candidates.)

Katherine MacKenzie	391	X
Bessie Fraser Graham	556	IX
Archibald McGlashen	542	"
Ray Aubrey Spencer	536	"
Jennie Alice Leslie	464	"
Louis Siderski	417	"
Albert Cameron	410	"
Allan Stanley Martell	409	"
Unsuccessful (4 X, 13 IX.)	17	

**GREAT VILLAGE.**—(61 candidates.)

XI. (10 candidates.)

Ethel May Chisholm	469	XI
Katherine Martell	461	"
James Herman Fulton	444	"

X. (24 candidates.)

William Musgrave Peppard	392	XI
Lucy Reubena McLellan	362	"
Fred Layton Spencer	318	"
Alice Eudora Graham	601	X
Effie Putnam Flemming	540	"
Ruth Agnes Gamble	514	"
Margaret Jane Smith	477	"
Eva Jane Morrison	473	"
Ada Ethel Smith	468	"

Jessie May Graham	455	"
Jennie McLellan	447	"
Edna May Fulton	440	"
Bessie May Bigney	431	"
Janett McLellan	415	"

IX. (27 candidates.)

Irene Jobb	316	XI
Lena Margaret Callaghan	406	X
Emma May Ewing	396	"
Minnie May Huntley	377	"
Bessie May Flemming	364	"
Ellen Sophia Stapleton	343	"
Emma Lelia Vance	533	IX
Susan Rebecca Collins	511	"
Addie Rebecca Graham	500	"
Addie Florence Beckwith	483	"
Ella Frances Wilson	473	"
Grace Boyd	472	"
Annie Linda Hill	471	"
Annie May Putnam	470	"
Georgina Blanche Moreash	463	"
Emma Crowell Reid	459	"
Clara Bell Smith	450	"
Hattie MacNutt	438	"
Una Annie Layton	430	"
Florence Ruth Johnson	429	"
Unsuccessful (3 XI, 8 X, 13 IX.)	24	

**GUYSBORO.**—(26 candidates.)

XI. (6 candidates.)

Grace Darling MacMillan	501	XI
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X. (9 candidates.)

Rosalie Maria Walsh	391	XI
Arthur John Peart	366	"
Leslie Gordon Jost	345	"
Harold Tremaine Jost	303	"
Hugh Cameron McIntosh	302	"
Norman George Hart	539	X
Lulu Violet Peart	481	"
James Michael McDonald	471	"
Mabel Claire Taylor	460	"
Emma Jane Morgan	438	"
Albert Durkee	414	"

IX. (11 candidates.)

Howard William Aikins	341	X
Perley Burnhill Louin Seller	340	"
Charles Howard Torey	573	IX
Katherine Lillian Scott	488	"
Elora Jane Spanks	471	"
Gennie Augusta Stropole	439	"
Unsuccessful (1 X, 7 IX.)	8	

**HALIFAX.**—(379 candidates.)

XII "Partial" (8 candidates.)

Jessie Bell Campbell (passed in 12 subjects)	574	XII
Harry Hope Blois (passed in 10 subjects)	624	XII

XI. (77 candidates).

Mary Josephine Ead	775	XI
Teresa Fitzgerald	755	"
John Erskine Read	696	"
Barbara Lois MacKay	694	"
Eva Gertrude Sutherland	675	"
Marion Currie Outhit	663	"
Wilbur Bertrand Proctor	657	"
Henrietta Millicent Veronica Fanning	654	"
John Baptist Lyons	646	"
Reta Minerva Fraser	641	"
Rose Buchanan	624	"
Gershon Dresdner	617	"
Edith Helena Hardy	608	"
Pearl Mabel Smith	597	"
Robert William Maclellan	595	"
Mary Talbot O'Loane	591	"
Hazel Edna Muir Mason	588	"
Ruth Richardson	584	"
Helen Lindsay Grant	572	"
Emma Maud Merlin	568	"
Frederic Carr Knight	563	"
Eileen Margaret DeVan	544	"
Eleanor Sullivan	535	"
Sadie Euphenia Cameron	534	"
Rena Bertha Creighton	529	"
Edith Annie Chisholm	526	"
Anna Maud Eleanor Smith	526	"
Frances Muriel Cunningham	525	"
Pauline Douglas Cottle	520	"
Mary Ellen Tullock	515	"
Ethel Mary Grant	513	"
Katie Morrison	504	"
Eileen Anderson	499	"
Charles Hazlitt Scott Cahan	490	"
Mabel Gladys Patterson	489	"
Josephine Whebbly	489	"
Lena Howe Withrow	485	"
Edith Margaret Herman	476	"
Harold Tupper Dickie	468	"
Eric Mackay Yeoman	466	"
Gladys Ida Boreham	466	"
Rufus Edward Dickie	466	"
Elizabeth Linloff	463	"
Isabel Gray Chisholm	458	"
Jamesina Etter	452	"
May Tryphena Davis	447	"
Ethel Maud Vaughan	446	"
Kathleen Jackson Webber	445	"
Sarah Mateer Archibald	444	"
Edward Foster	441	"
Eva May Moore	432	"
Kobie Kerr Blois	429	"
Winnifred May Nicoll	409	"
Allison Graham Creighton	407	"
John Nicholson	405	"

X. (109 candidates.)

Carrie Webber Chambers	415	XI
Stanley Robert Tulloch	372	"
Ralph Watson Fielding	366	"
Ross Owen Evans	357	"
Lillie Josephine Florence Mitchell	333	"
Walter Graham Macdonald	331	"
Teresa Bell Wolfe	321	"
Agnes Elizabeth Graham Hamilton	315	X

Evelyn Clare Faulkner	769	"
Catherine Mabel Morash	736	"
Florence Marie Keating	723	"
Annie May Kennedy	723	"
Effie May Thomson	706	"
Jean Gordon Bayer	671	"
Mildred Pearl Forbes	668	"
Charles Francis Curran	665	"
Agnes Elizabeth O'Connor	660	"
Evelyn Finn	659	"
Beatrice Eugene Girrior	659	"
Emmaroy Margaret Smith	653	"
Winifred Clare Strickland	659	"
Bernard O'Hearn	646	"
Edward Waldemar Schaefer	642	"
Vera Fielding	640	"
Sarah I Fitzgerald	621	"
Ethel Llewellyn Blethen	607	"
Laura Rebecca Pender	607	"
Yale Oldknow Millington	603	"
Stella Maud Homans	595	"
Ethel Annand	581	"
Frank Roy Davis	580	"
William Percy Burgoyne	575	"
Ethel Johns	575	"
Rebekah Gottabed Grant	571	"
Frances Gammell Creighton	570	"
Georgina Jessie Hubley	567	"
Frances Maria Smith	565	"
Vera Gertrude Bentley	563	"
Agnes Dennis McQuinn	562	"
Lilla Beatrice Bryenton	561	"
Katherine Harland	555	"
Martha Helen Brown	533	"
Theresa Elizabeth Pothier	528	"
Sr M Bernardine (Mary A Seeley)	528	"
John Leadley Harrison	526	"
Sadie Hutchens Rogers	524	"
Harry Stanislaus Tolson	525	"
Daniel Alexander McDermid	518	"
Alexander Ferguson	515	"
Thomas Francis Gaul	513	"
Geoffrey Dale Milsom	511	"
Madge Parkinson	509	"
Anna Frederika Eliza Wilson	506	"
Lionel Lorraine Bent	504	"
Libbie Jane Ross	503	"
Gladys Steven Greig	502	"
Lillian Jannette Spencer	491	"
Lena Mary Gates	489	"
Eugenie Muir Mason	488	"
Ada A Sim	487	"
Mowbray Fitzgerald Jemmott	479	"
Bessie Cecilia Alice Gray	479	"
Alan Ritchie Yeoman	477	"
Rose Barry	475	"
Edith Crowell Trefry	473	"
Anna May Bouk Umlah	471	"
Myrtle Emma Graham	469	"
Charles Frederick McAlpine	469	"
Lavinia McKeen Jackson	467	"
Bessie Florence Bond	457	"
Catherine Mildred Mulcahy	450	"
Sr. Ethelburga (Emeline McKeough)	444	"
Bertha Milne Bond	442	"
Sister Anastasia (Margaret Webb)	441	"
Ada Blanche Jenner	438	"
Margaret Brown	431	"

Arthur Lang Phillips	430	"
Muriel Elsie Trivett	427	"
Catherine Strachan	419	"
Arthur Clifford Wiswell	403	"
Adelaide Sophia Hiltz	401	"
Lola Elvia Stoddard		

## IX. (185 candidates.)

Teresa B Carson	380	XI
Delta May Ross	398	X
Mary Corilla Bennett	391	"
Ethel Maude Judge	390	"
Jessie Marjorie Logan		
Thomas Fletcher Morrison	387	"
Mary Ellen Noonan	385	"
Victoria Alberta Macdonald	376	"
Annie Sophia Cameron	375	"
James Joseph Mooney	371	"
Margaret Alberta Barry	362	"
Frances Clara Webb	360	"
Minnie Alberta Warner	357	"
Maud Susan Cameron	345	"
Thomas Joseph David Wm. Mooney	320	"
Louis Albert Buckley	729	IX
William Roy Raine	674	"
Elizabeth Jane Maycock	672	"
Alexander William McKenzie		
Thomas Harold Johnson	660	"
Lillie Alberta Roak Umlah		
Henrietta Lida Hamilton	657	"
Lucy Dorothy Littler	645	"
William Robert Arundell	644	"
Arthur Edward Purcell	628	"
Frank Dunstone Graham	621	"
Helen Richardson Power	618	"
John Anderson Drury	611	"
John McLeod	609	"
John David Ross	605	"
William Albert Gordon Sutherland	599	"
William Robert Ramsay Armitage	598	"
Annie Louise Wickwire	597	"
Mary Flora Murphy	589	"
Mary Aloysia O'Brien	588	"
Emmie Grace Pennington	584	"
Kathleen Annie Kathleen	582	"
Henry Brinston	577	"
Frederick Justin Phelan	571	"
Reginald Walker McColough	567	"
Cecilia Jane Mortimer Gray	564	"
Ethel Kent Harris		
Austin Ward Cunningham	557	"
Curtis Clayton Wallace	556	"
Charles Roy Small		
Gladys May Smith	555	"
Zaidee Alberta Harris	552	"
Nellie Catherine McDonald		
Gretha Lydia McLeod	551	"
Willie Arenburg Nisbet		
Mary Gertrude Holder	541	"
Gerald St. Clair Bauld	538	"
Ira Stanley Shields	536	"
Laura May Gardner	533	"
Benjamin Ross Swenerton		
John Frederick Cahan	528	"
Lillie Alma Mosher	521	"
William Archibald Stewart	520	"
Margaret May Collins	515	"
James Logan Lamont		

Cecil John Hayes	514	"
Timothy Fougere	512	"
William Fielding Barnes	511	"
Eva Mary Kline	510	"
Alexander Gidney McKay		
Helen Cameron	508	"
Charles Burpee McMann	506	"
Katie Marion Scott	502	"
Mabel Dockrill Smyth		
John George Stenhouse	499	"
Ralph Norton Jago	498	"
Ada Florence McLean	495	"
Frances Maude Hamilton	491	"
Althea Florence Sutherland		
Blanche Mabel Boutilier	489	"
William Roderick Brown		
Maggie Ethel Hunter	486	"
Kenneth Gordon Chisholm		
Rose Mary Sullivan	481	"
Edward Blake Allan	474	"
Thomas Lee	473	"
Monica Thomas	472	"
Andrew Edward McManus	471	"
Stanford Morton Nickerson		
Thomas Melville DeBlois	470	"
Edith Woolrich McLellan		
Gladys Amy Goodwin	469	"
Gerald Charles Rhind		
Annie Maud Warner	468	"
Annie Evelyn Ammand		
Mary Ellen Wambolt	465	"
Aggie Knight Sanders	465	"
Elizabeth Rose Martin	463	"
Lenna Mildred Brinston	462	"
Hattie Florence Wolfe	460	"
Grace Eugene Somers	459	"
Arthur Hugh Thomson		
Harry Caldwell	458	"
David Roy Condon		
Ada Kiddy	456	"
Mary Catherine Hiltz		
Helen Margaret Smith	451	"
Charles John Macdonald	447	"
Elizabeth Short Colquhoun	445	"
Mary Boudreau		
Frederic William Mailing	443	"
Kathleen Isabel MacAloney		
Bernard Houseal Morrison	442	"
Gilbert Russell Forbes	440	"
Eva Theresa Wrayton	437	"
Frederic Robert MacAloney	437	"
Jennie Evelyn Robinson	434	"
Alexander Christopher Trivett	431	"
Lila Dorothy Publicover	427	"
Mary Eleanor Munro	426	"
Oswald Bennett DeYoung	424	"
Lena Claudine Dauphinee		
Mary Frances Cecilia Murdock	422	"
Emma Berthile Julien		
Nina Isabella Lawlor	420	"
May Agusta Allen		
Katherine Inglis	419	"
Ellmore Wallace	417	"
Bridgie Warren		
Hugh William Schwartz	416	"
Veronica Theresa Quinn	411	"
Joseph Willis		
Margaret Logan Fleming	410	"
Hazel Bell	407	"



Annie May Stewart Morrison.....406 IX  
 Harriet Bell Foster.....404 "  
 Claudia Flemming.....401 "  
 Adoniram Judson Baker.....400 "  
 Unsuccessful (6 XII "Partial," 14 XI,  
 20 X, 67 IX).....107

**KENTVILLE.**—(52 candidates)

XII. "Partial" (5 candidates.)

XI. (16 candidates.)

Nancy Cerethia Lamont.....608 XI  
 Nellie Leona Day.....501 "  
 Carnelia Bishop Rockwell.....469 "  
 Ella May Best.....457 "  
 Lillian Blanche Kinsman.....448 "  
 Mildred Healey.....447 "  
 Laura Margaret McDonnell.....433 "  
 Joseph James Driscoll.....428 "  
 Wilhelmina Kathleen Gaetz.....424 "  
 Alice Maude Greenleaf.....411 "  
 Jessie Marion Dow.....409 "

X. (9 candidates.)

Pearl Annie Jones.....375 XI  
 Edna Alberta Mosher.....350 "  
 Alice Augusta Eaton.....579 X  
 Barry Horey Burgess.....496 "

IX. (22 candidates.)

Guy Maurice Moore.....272 XI  
 Loretta Catherine Driscoll.....334 X  
 Hatie Blanche Bishop.....321 "  
 John Brooking Young.....539 IX  
 John King Swanson.....537 "  
 Minnie Julia Sweet.....520 "  
 Luella May McRae.....516 "  
 Kathleen Eva McFadden.....514 "  
 Nellie Viola Chute.....500 "  
 Arabella Bligh.....460 "  
 Edith Annie May Chute.....436 "  
 Neta Pearl Webster.....403 "  
 Unsuccessful (5 XII, "Partial," 2 XI,  
 5 X, 13 IX).....25

**LIVERPOOL.**—(100 candidates.)

XII. (1 candidate.)

XII "Partial." (1 candidate.)

XI. (23 candidates.)

Clayton Gardner.....988 XII cl.  
 Josephine Christoper Kempton.....519 XI  
 Annie DeWolf Avery Cowie.....512 "  
 Nellie Maud Walker.....490 "  
 Juna Pearl Freeman.....476 "  
 Bessie Sarah Turpin.....464 "  
 Ella May Mager }.....421 "  
 Edith Gertrude McLeod }  
 George Harold Hatt.....411 "

X. (34 candidates.)

Annie May Hendry.....396 XI  
 7

Hilda Rebecca Freeman.....381 XI  
 Ralph Waldo Hendry }.....372 "  
 Laura May Sproule }  
 Dessie May Leaman.....352 "  
 Ada Gertrude Freeman.....348 "  
 Katherine Cecelia McGinty.....336 "  
 Roy Irving Balcom.....621 X  
 George Kelly Butler.....556 "  
 Mary Helen Baltzer.....554 "  
 Zella Faye Burnaby.....541 "  
 Caro Elthaire Holdright.....540 "  
 Max Lee Freeman.....520 "  
 Andrew Joseph Hemeon.....517 "  
 John Sperry Wolf.....513 "  
 Esther Belle Ford }.....512 "  
 Harris Wilson Kempton }  
 Delila Freeman Kempton.....502 "  
 Clara Harlow Ryan.....499 "  
 Effie Robena Munroe.....461 "  
 Jessie Myrtle Freeman.....458 "  
 Myrtle Bernice McAdams.....449 "  
 Nellie Vivian Freeman.....430 "  
 Lena May Freeman.....423 "  
 Edith Elise Smith.....418 "  
 Jennie Medora Manthorne.....416 "  
 Jennie Gertrude More.....407 "

IX. (41 candidates.)

Mabel Viola Pierce.....397 X  
 Octavius Millard.....392 "  
 Theresa Belle Mack.....341 "  
 George Kenneth Harrington.....336 "  
 Margaret Hicks Day.....319 "  
 Muriel Grace Manthorne.....318 "  
 Bessie May Fraser.....659 IX  
 Jedidah Burns Hagan.....582 "  
 Harry Stanley Coops.....578 "  
 Jessie Maude Kempton.....570 "  
 Selena Bernice Godfrey.....551 "  
 Rhoda Winifred Gordon Forbes.....548 "  
 Nettie Tibert Freeman.....537 "  
 Fannie Maud Miles.....526 "  
 Grace Darling Freeman.....521 "  
 Beulah Beatrice Gross.....495 "  
 Hilda Maribel Cushing.....494 "  
 Kate Gladys Dexter.....488 "  
 Wennie Tiner Freeman.....475 "  
 Dora Gardner.....466 "  
 Francis Walter Drew.....457 "  
 Bernice Courtney Richardson.....456 "  
 Roland Augustus Conrad.....453 "  
 Mary Edith Eisenhower.....434 "  
 Blanche Freeman }.....433 "  
 Lewis Mark Morton }  
 Dorinda Freeman Shields.....417 "  
 Martha Elizabeth Leslie.....407 "  
 Unsuccessful (1 XII "Partial," 8 XI,  
 8 X, 19 IX).....36

**LOCKEPORT.**—(35 candidates.)

XII "Partial" (1 candidate.)

XI. (6 candidates.)

Frank Russell Doleman.....473 XI  
 Warden Morley Huskins.....464 "

## X. (11 candidates).

Nellie Bernice Freeman	377	XI
Helena Elizabeth Hayden	363	"
Romeo De Taffard Smith	357	"
Hilda May Hardy	540	X
Corra Mabel Firth	528	"
May Eliza Miles	496	"
Lulu Churchill Williams	470	"
Louisa Maude Locke	452	"
Grace Cooke	415	"
Mary Alina Downie	409	"

## IX. (17 candidates).

Charles Henry Ringer	291	XI
Angusta Maud Walls	391	X
Florence Freda Williams	385	"
Grace Letena Whitmore	350	"
Gladys Adena Dorrie	510	IX
Wilhelmina Johnston Harding	506	"
Sidney Maurice Page	503	"
Mabel G. Taylor	492	"
Lucretia Maude Pierce	463	"
Alina Maud Locke	447	"
Edith Morton Locke	437	"
Hildred Margaret Herkins	418	"
Imogene Victoria Smith	413	"
Emily Eugenie Page	402	"
Unsuccessful (1 XII "Partial," 1 X, 7 IX)	9	

## LUNENBURG.—(111 candidates.)

## XI. (27 candidates.)

Vernon Blair Rhodenhizer	642	XI
Lottie May Silver	633	"
Katie Idella Smith	629	"
Erema Emma Ham	548	"
Annie Adelaide Mader	545	"
Olive Florence Oxner	521	"
Charles Edwin Knickle	481	"
Eva Laura Mossman	479	"
Ethel Celeste LaBelle Hirtle	465	"
Gracia Mae Mader	459	"
Gladys Ethel Strumm	442	"
Minnie Adelia Loness	436	"
Elsie Winifred Hallamore	434	"
Isabel Cameron MacKean	406	"

## X. (40 candidates.)

Bessie May Mader	445	XI
Edith Bessie Langille	376	"
Roger Simon Naas	363	"
Bernard Hudson Morash	731	X
Anna Mary Rudolf	724	"
Charles William Heisler	648	"
Alberta Poole Craig	633	"
Fred Everett Sattman	631	"
Gilbert Pryor Parker	625	"
Debbie Leota Webber	607	"
Grace Eloise Taylor	598	"
Hannah Vivien Lantz	588	"
Morris Osborne Maxner	579	"
Lois Elva May Wentzell	555	"
Irva L. DeLong	554	"
Kate Maie MacIntosh	551	"

Vera May Wamback	539	XI
Tessie Maud Dauphinee	537	"
Douglas Russell MacKean	537	"
Muriel Louise Winifred Bruhm	535	"
Mary Eva Corkum	531	"
Lena Cossman Anderson	526	"
David Burton Emeno	497	"
Mary Ann Caroline Ernst	487	"
Leon LeRoy Nichols	487	"
Addie Lavinia Feindel	483	"
Bertha Gertrude Rafuse	481	"
Gladys Ella Meisner	421	"
Anna Blanche Ramee	419	"
Vera Lenora Boliver	409	"
Emmie Kate Folkenham	408	"

## IX. (44 candidates.)

Violet Lucretia Wilson	846	XI
Clara Cecily Silver	313	"
Charles Albert Hebb	309	"
Luetta Mason	271	"
Maebelle Marie Catherine Mader	419	X
Ethel Louise Hermon	398	"
Laura Grace Reinhardt	372	"
Lena Blanche Zinck	323	"
Kathleen Knickle	663	IX
Arthur John Heisler	637	"
William Thompson Powers	634	"
Gordon Stanley Kinley	605	"
Carrie Edith Kinley	595	"
Elnora Princtta Feindel	587	"
Laurence Vincent Corkum	576	"
Newcomb Lambert Rudolf	570	"
Lena Ethel Baker	558	"
Angus Scott Young	553	"
Walter Carroll Wilson	549	"
Moyle Albert Ernst Hirtle	517	"
Ada Louise Mossman	516	"
Bertha Mary Herman	510	"
Flora Ellen Feindel	509	"
Willis Daniel Richard	507	"
Jane Aubrey Smith	501	"
Lucy Ann Silver	491	"
George William Steward Eisenhauer	489	"
Sophia Faith Keddy	483	"
Leaman John Mason	482	"
Barbara Annie Kaulbach	480	"
Essie Louise Neal	474	"
Lulu Belle Wilson	458	"
Edith Muriel Young	455	"
Myrtie Ophelia Hallamore	442	"
Annie Allegría Ramey	439	"
Charles Edwin Reinhardt	423	"
Alonzo Edwin Herman	405	"
Unsuccessful (6 XI, 8 X, 15 IX)	29	

## MABOU.—(31 candidates.)

## X. (15 candidates.)

John Y. McKinnon	598	X
John Y. Macaulay	519	"
Isabel M. Munro	509	"
Hugh McKinnon	507	"
Mary Agnes McIsaac	480	"
Sarah J. Maclean	461	"
James G. Macdonald	448	"
Mary Belle McDonald	430	"

Robert Henderson McKinnon	429	X
Agnes McDougall	419	"
Violet Agnes Clair Flynn	400	"

IX. (16 candidates).

Katie T. McDonald	389	X
Flora Belle McDonald	309	"
Eva Murray	539	IX
Rose McKay	447	"
Tena McKeen	413	"
Daniel M. MacDonald	406	"
Winnifred Christena Murray		
Unsuccessful (2 X, 11 IX)	13	

**MAITLAND.**—(59 candidates).

XI. (8 candidates).

Margaret Rebecca O'Brien	497	XI
Elizabeth Howe	430	"

X. (19 candidates).

Josephine Cardelia Blois	332	XI
Duffus Warburton Nelson	332	"
Margaret Campbell	329	"
Agnes Anderson Dodds	667	X
Lucie Helen Eaton	593	"
Florence Oatley	523	"
Annie Beatrice O'Brien	516	"
Adelia Roy	508	"
Annie Gupta Weir	486	"
Myrtle Melissa Webb	469	"
Aveline Faulkner	467	"
Blanche Evelyn Anthony	446	"
Lena Lauretta Lewis	437	"
Laura Amanda Macdonald	424	"
Gertrude Edna McLean	417	"

IX. (32 candidates).

Alice Rachel Lawrence	320	XI
Georgina Hill Main	480	X
Gracie Lulu Gray	361	"
Elias Nelson	345	"
William Lawrence McCallum	542	IX
Alice Maud O'Brien	530	"
George Edwin Currie	529	"
Margaret Electa McLellan		
Bessie Amelia Pineo	528	"
Willie Amery Webb	526	"
Susan Odessa Faulkner	518	"
Hannah Gertrude McCullough	510	"
Helen Maria Reynolds		
Jennie Ethel O'Brien	506	"
Agnes Atkins Smith	493	"
Nina Ethel Faulkner	492	"
Margaret Elizabeth O'Brien	459	"
Percy Wyman Pratt	454	"
Joseph Monteith Douglas	431	"
Florence Hedtler McKenzie	430	"
Imogene Dimock	429	"
Jessie Blanche Withrow	403	"
Unsuccessful (2 XI, 4 X, 14 IX)	20	

**MARGAREE HARBOUR.**—(45 candidates).

XI. (9 candidates).

Katie Jane Campbell	457	XI
Henry Bourgeois	430	"

X. (12 candidates.)

Ida Jane McDaniel	320	XI
John J. LeBlanc	580	X
Sarah Lorena Smith	492	"
James M. P. Coady	486	"
Annie Judith Coady	408	"

IX. (24 candidates.)

Mary Letitia McDonald	326	XI
Kenneth John Austen	243	"
Anna May Ledbetter	396	X
Cassie Catherine McLean	393	"
Anselm Charles Boudreau	587	IX
Stephen Robert Shaw	411	"
Unsuccessful (4 XI, 6 X, 22 IX)	32	

**MIDDLE MUSQUODOBOIT.**—(57 candidates)

XI. (14 Candidates.)

Jean Braden Archibald	596	XI
Flora Little	560	"
Ethel Fisher	511	"
Gertrude Lynds Brown	494	"
Emma Jane McPettridge	482	"
Mary Sedgewick Deane	469	"
Janet Hamilton	443	"
Jean Guild	431	"
Ada Charlotte Little	421	"
Sarah Maud Scott	418	"

X. (17 candidates.)

Minnie Archibald Stewart	389	XI
Mary Cruikshank Dunbrack	387	"
Irene Archibald	589	X
Matilda Jane Higgins	554	"
Gracie Fraser	483	"
Hannah Margaret Higgins	477	"
Ida May Archibald	473	"
Esther May Hutchinson	461	"
Mabel Fisk	445	"
Bessie Sibley Dickie	416	"
Elsie Emma Dechman	412	"

IX. (26 candidates.)

Margaret Daisy Randolph Hartling	365	XI
Gertrude Helen Dickie	388	X
Lillie Alexandrina Dickie	386	"
Robert Sedgewick Reid	379	"
Alice Josephine Cole	318	"
Jennie Burnett Erskine	568	IX
Emma Agnes Higgins	560	"
Josephine Etta Higgins	539	"
Jessie Middleton Sedgewick	538	"
Neil Hall Archibald	511	"
Lida Myrtle Higgins	493	"
Grace Alison Brown	461	"
Louisa Farley Stewart	453	"
Ernest Bain Archibald	446	"
Emma Annie Mosher	441	"
Grace Hanna	436	"
Lulu Jane Guild	433	"
Florence Edna Kathleen Sibley	426	"
Jean Christie Fox	424	"

Mary Jane McCurdy .....	411	IX
Alexandra Fraser .....	402	"
Unsuccessful (1 XI, 4 X, 10 IX.) .....	15	

**MIDDLETON.**—(84 candidates.)

## XI. (20 candidates.)

Hortense Violet Bessie Spurr .....	558	XI
Vernon Wood Parrish .....	534	"
Dora Pauline McGill .....	508	"
Annie Elsie Lockhart .....	481	"
Ethel Gaul .....	432	"
William Bernard Foster .....	414	"

## X. (24 candidates.)

Ella May Chesley .....	399	XI
Sophia Neily Barteaux .....	376	"
Annie Laura Hiltz .....	366	"
Sarah Jane Mitchell .....	345	"
Bessie Miller Dodge .....	510	X
Bessie Evelyn Smith .....	503	"
Kate Ardelle Baker .....	488	"
Alma Cecilia Long .....	484	"
Jessie Alerta Burns .....	468	"
Frank Waldron Morse .....	454	"
Ethel May Harris .....	433	"
Clara Evelyn Smith .....	461	"
Maude Elizabeth Roy .....	413	"

## IX. (40 candidates.)

Margaret Sophia Matthews .....	309	XI
Annie Belle Baltzer .....	306	"
Minnie Belle McLean .....	403	X
Margaret Blanche Pickels .....	398	"
Harold Cephas Woodbury .....	393	"
Lillian May Andrews .....	387	"
Mabel Roberts Spinney .....	387	"
Jeanette Margaret Grover .....	367	"
Annie Claudine Turner .....	362	"
Josephine Elmira Hiltz .....	358	"
Mabel Maie Mosher .....	343	"
Hattie Eugenia Wilkins .....	342	"
Alberta Maud Andrews .....	331	"
Elvida May Charlton .....	489	IX
Louise Newcomb Parry .....	487	"
Margaret Wilkins .....	486	"
Ora Blossom Elliott .....	479	"
Ross Brown Miller .....	469	"
William Henry McNeily .....	468	"
Annie Pearl Roop .....	451	"
Leander Freeman Wheelock .....	421	"
Unsuccessful (8 XI, 4 X, 32 IX.) .....	44	

**NEW GLASGOW.**—(128 candidates.)

## XI. (11 candidates.)

Bessie MacQueen .....	651	XI
Kenneth Royal McKinnon .....	588	"
Alexander Leslie McLean .....	530	"
Edith Marguerite Layton .....	529	"
Jean Hugh McKay .....	516	"
Willena Blanche Mackay .....	470	"
Katherine Grant .....	430	"
Isabelle MacGlashen .....	421	"

## X. (48 candidates.)

Hughena Fraser .....	892	XI
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Charlotte Laura Macdonald .....	391	XI
Mary Hilda Meikle .....	369	"
Emna Harper McQueen .....	587	X
Edith Maie Philip .....	559	"
Eliza Clara Walker .....	557	"
Olding Murray .....	540	"
Jennie Blaikie Green .....	512	"
Jean Olding Grant .....	509	"
Duncan Pryor Meikle .....	501	"
Maie Roy .....	491	"
Jameison Fraser Mackay .....	484	"
Barbara Ellen Cameron .....	479	"
Grover Cleveland Muir .....	477	"
Elizabeth Bannerman McLellan .....	464	"
James William Cumming .....	438	"
John Daniel McDonald .....	431	"
Susan MacQueen Robertson .....	429	"
Robert Louis Fraser .....	428	"
Charles McMillan .....	428	"
Anna McLellan .....	412	"
Archibald Sutherland .....	409	"
Bessie Hunter Miller .....	409	"
Annie May Fraser .....	401	"
Chrissie May MacMillan .....	401	"

## IX. (69 candidates.)

Harry Cavanagh .....	437	X
Allister Frederick McDonald .....	399	"
Hilda Fraser .....	394	"
William Blackwood .....	390	"
Margaret Christina Matheson .....	380	"
Kenneth John Mackenzie .....	377	"
John Samuel Miller .....	372	"
Claude Hill Keith .....	338	"
Henry Cornelius Ritchie .....	318	"
Christian Muir .....	310	"
Donald Robert Murray .....	600	IX
Lida Jean Roy .....	552	"
Lena Mildred Sibley .....	548	"
Jean Sutherland .....	532	"
Vera Blanche Clay .....	521	"
Katherine Stewart McDonald .....	521	"
George McDonald Sylvester .....	507	"
William McKenzie Thompson .....	497	"
Herbert Scovil Fraser .....	481	"
Clarence Bain Cameron .....	479	"
Francis William Drake .....	471	"
Leith Prescott Archibald .....	468	"
Martha Helen Crockett .....	467	"
Harold Mitchell Graham .....	467	"
Anne Lester Woodin .....	452	"
Elsie May Eastwood .....	445	"
Willah Mitchell .....	444	"
Alexander William Fraser .....	443	"
Katherine Marion Chisholm .....	436	"
Willie Ross Macdonald .....	431	"
Annie Taylor Roddam .....	423	"
Cassie McKinnon .....	421	"
Florence MacFarlane .....	421	"
Maggie Jane Meikle .....	417	"
James Angus Doull .....	417	"
Unsuccessful (14 X, 46 IX.) .....	60	

**NORTH SYDNEY.**—(80 candidates.)

## XI. (8 candidates.)

Angus Dan, Macdonald .....	723	XI
Kenneth Macleod Munro .....	505	"

Emily Record Young	546	XI
Nina Alice Munn	496	"
Moses James Coady	418	"
Jennie Ferguson Macdonald	410	"

X. (22 candidates).

Mary Louise Ingraham	374	XI
Patrick Joseph Nicholson	629	X
Annie Kennedy	579	"
Theresa Boutilier	540	"
Roderick Francis Murphy	521	"
Annie May Fife	481	"
Alexandrina MacLeod	461	"
Alice Margaret Howe	447	"
Murdock McKay	446	"
Magdalen Maude Fyfe	437	"
Clara Agnes Young	419	"

IX. (50 candidates).

Herbert John King	412	X
Margaret May Campbell	395	"
James Fraser	376	"
Annie Ethel Macleod	314	"
Wilmer Brydone Rosborough	600	IX
Eva Vineberg	585	"
Christina Montgomery	567	"
Sadie Montgomery	559	"
Ralph Harding Young	558	"
Mary Margaret McInnis	547	"
Jean Augusta MacLean	537	"
Myrtle Lenora McLean	517	"
Lilian Agnes Moffatt	508	"
Catherine MacCormick	496	"
Mary Margaret Desmond	480	"
Christina Veronica MacLean		
William McKay	475	"
Frederick George Musgrave	452	"
Nettie Ingraham	451	"
David James Hartigan	430	"
Richard Henry Dooley	428	"
Murray James McLeod	426	"
Francis Austin Carewe	421	"
Sadie Isabel MacLeod	410	"
Florence Maria LeMoine	405	"
Thomas A. Lebbetter		
Unsuccessful (1 XI, 8 X, 28 IX)	37	

OXFORD.—(76 candidates).

XI. (16 candidates).

Rena Maude Amos	576	XI
Flora Maude Patton	522	"
Jennie Alice Hunter	499	"
Phebe Elizabeth Baird	491	"
Emma Dennings	481	"
Mabel Edna Johnson		
Nina Lilian McKim	475	"
Harry Lawrence Dowell	468	"
Clara Maude Miller	438	"
Maude Grey	431	"
Annie Dennings	424	"
Arthur Emerson Mackintosh	418	"

X. (29 candidates).

Alice Ellen Gray	370	XI
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Judson Stewart MacGregor	341	XI
Bertha May Lynds	622	X
Leonard Frederick McCausland	532	"
Annie Maud Robertson	490	"
Alma Pearl Wood		
Bessie Maud O'Brien	473	"
Leila Viola Baker	462	"
Charles Guy Black	460	"
Hattie Eliza Woodland		
Gussie Claudine Thompson	455	"
William Gladstone Keillor	451	"
Samuel Burton Trerice	447	"
Bertha Estella King	443	"
Margaret May Mackintosh	441	"
Minia Keilor	433	"
Minnie Irena Emma Woodland	401	"

IX. (31 candidates).

Roy David Crawford	398	X
Florence Genevieve Lockhart		
Irene Gertrude Brownell	394	"
Annie Alida Stewart	393	"
Lena Marion Van Amburg	379	"
Grace Lockhart Thompson	348	"
Myrtle Ruth Kennedy	328	"
Fannie Jane Thompson	633	IX
Lottie Lavinia Sproule	628	"
Annie Eliza McElmon	612	"
Alda Cotes Baird	611	"
Margaret Ellen Simpson	575	"
Gertrude Blanche Beebe	572	"
Lottie Lavinia Shipley	539	"
Annie Armenah Patton	533	"
Roy Leonard Sutherland	526	"
Elva Jane Taylor	499	"
Susanna Wesley Johnson	472	"
Mary Jean Trerice	466	"
May Brown	465	"
Bessie May Lowe	464	"
Frank McElmon	461	"
James Snowflake Johnson	447	"
Mary Mabel Lockhart	434	"
Ada Gertrude Tuttle	431	"
Bessie Jane Harrison	412	"
Unsuccessful (1 XI, 7 X, 12 IX.)	20	

PARRSBORO.—(59 candidates).

XI. (7 candidates).

Pearl Annie Spicer	654	XI
Sadie Belle Graham	563	"
Edna Muriel Harrison	468	"
Alice McCabe Smith	450	"

X. (19 Candidates).

Margaret Gertrude McLaughlin	332	XI
Blanche Charlotte Cameron	309	"
Blanche Agusta Lamb	511	X
Jennie Grace Broderick	507	"
Mabel Eva Hannah	481	"
Karl Evert Whitman	475	"
Annie Mary Lamb	452	"
Minnie Agnes Fullerton	441	"
Wyman Alexander Cameron	438	"

## IX. (33 candidates.)

Chas Reuben Dias	348	X
Caroline Sophia Dench	309	"
William Bradley Mahon	300	"
Alice Maud Proctor	585	IX
Maimie Beatrice Nuttall	569	"
Florence Ethel Gibson	566	"
Erle Daniel Spicer	557	"
Annie Laura Elliot	525	"
Lydia Belle Spicer	523	"
Lorena Mary Canning	504	"
Vivien Salter	484	"
Ada Helen Smith	457	"
Jean Elizabeth Whitman	455	"
Joseph Albert McInnis	452	"
Kathleen McLaughlin	449	"
Emily Dewis Spicer	425	"
May Lillian Spicer	420	"
Ines Matilda Knowlton	408	"
Alice Maud Yorke	402	"
Unsuccessful (1 XI, 9 X, 16 IX.)	26	

## PICTOU.—(153 candidates.)

## XII. (18 candidates.)

James Garfield Bruce	1677	XII	sc
George Daniel Finlayson	1451	"	"
William Hall Powell	1441	"	"
James Duncan MacLeod	1404	"	"
Amy Clare Giffin	1367	"	"
Wedderburn Hutchison Watt	1343	"	"
John Norison Finlayson	1329	"	"
Mary Jane MacKay	1318	"	"
Lenora Agnes Kaulbach	1296	"	"
Grace Evelyn O'Connor	1233	"	cl
Gertrude Oressa Oxley	1213	"	sc
Robert Hugh Donald McLeod	1168	"	"
Donald John Matheson	1057	"	"

## XII "Partial." (15 candidates.)

John William McLeod (passed in 25 out of 25 subjects)	1757	XII	sc
Chas William Stramberg (passed in 20 out of 20 subjects)	1279	"	"
Stanley Gilbert Tobin (passed in 11 subjects)	912	XII	
Anna Elizabeth McLeod (passed in 10 subjects)	902	"	"
James McKinnon (passed in 10 sub- jects)	796	"	"
Charles James Davis (passed in 10 subjects)	783	"	"
Margaret Primrose Dickson Campbell (passed in 10 subjects)	715	"	"

## XI. (31 candidates.)

Eva Florence Crockett	1119	XII	sc
Charles Francis Boehner	1062	"	"
John Lauchlin Morrison	1036	"	"
James Roy Black	991	"	"
Leonard Aubrey Grant	869	"	"
Henry Allan Macdonald	778	XI	
John Stewart McDonald	759	"	"
James Harper Prowse	739	"	"

Mary Estella Kerr	733	XI
Harry Hamilton	726	"
George McLean	699	"
Margaret Fraser	648	"
Louisa May Murdock	601	"
Sabina Barbara Stoddard	591	"
Allister Edward Munro	551	"
Francis Havergal Grant	521	"
Donald Smith McIntosh	507	"
Alexander Rettie	484	"
Robert Dewar McKimmie	480	"
Helena Martha MacTavish	454	"
Almira Jane Bryden	453	"
John Maxwell Skinner McCabe	427	"
Margaret Anna Munro	424	"
Annie Wilson Reeves	403	"
James William Clark	400	"

## X. (28 candidates.)

Ellen Elizabeth MacBain	397	XI
Jessie May Grant	351	"
Allan Cameron Murray	340	"
Margaret Steele Macquarrie	333	"
Edna Esdale Grant	745	X
Mary Sylvester	634	"
Herbert Bain Maclean	615	"
Howard Watson Matheson	592	"
Bessie Kennedy Fraser	570	"
Hugh Ross Mackenzie	545	"
Sadie Elizabeth Porter	535	"
Gracie Ethel McPherson	519	"
Ethel Cameron	510	"
Mirdena Ann Munro	495	"
Mabel Hannah McLeod	487	"
Bessie Bell Ross	483	"
Eliza Olive Cameron	482	"
James Somerville Cameron	479	"
Caroline Fraser Archibald	478	"
Mary Haley	466	"
Lily Rose	436	"
Isabella Whiting McCabe	429	"
Mary Teresa Arsenault	405	"
Albert Basil Wilberforce Tanner	400	"
John Harold Costin	400	"

## IX. (61 candidates.)

Bertha Jane Campbell	277	XI
Ella MacTavish	264	"
John Wilbur Mackenzie	445	X
Martha Henrietta Mackenzie	408	"
Annie Isabelle Rettie	393	"
Jemima Ella Bell	386	"
A Myrtle Grattan	693	IX
Murdoch Stewart Morrison	652	"
Libbie Fannie Young	600	"
Jessie Irene McKnight	598	"
Ellie Gordon Gordon	579	"
Annie Jane Dunbar Frazer	576	"
Ann Archibald	568	"
Margaret Myrtle Matheson	540	"
Jessie May McKenzie	537	"
Ivy Isabel Matheson	532	"
James Douglas Vair	529	"
John Stewart Murray	529	"
Samuel Harry Prowse	528	"
Janet Mary Tanner	528	"

Everett Cameron	527	IX
George Talmage Murdoch	516	"
Helen Grant	513	"
John Morrison MacRae	494	"
Jessie Margaretta McQuarrie	482	"
Annie Logan Chisholm	472	"
Ollive May Douglas	469	"
Gladys Constance Chisholm	468	"
John Park McQueen	459	"
Eva Caroline Coffin	458	"
Evaline Neville	453	"
Agnes Macdonald	451	"
Mary Emma Adamson	450	"
Jennie Stewart MacIntosh	445	"
Mary Belle Henderson	438	"
Essie Jane Macdonald	434	"
Jessie Beil Ross	433	"
William Warren McConnell	420	"
Annie Isabella Murdock	407	"
Alexander Murray Porter	400	"
Unsuccessful (10 XII "Partial," 5 XI, 2 X, 28 IX)	45	

**PORT HAWKESBURY.**—(29 candidates.)

XI. (4 candidates.)

Sterling Alexander McLean	543	XI
Edgar Henry McLean	480	"
Margaret Adeline Hennesey	420	"

X. (7 candidates.)

Peter John Martin	644	X
Alexander Douglas McMillan	520	"
Kenneth McPherson	506	"
Annie Mae Macdonald	417	"

IX. (18 candidates.)

Jessie A. McDougall	381	XI
Mabel Beatrice Martin	596	IX
Grace Catherine McLean	535	"
Roberta Jamieson	494	"
Susan Proctor Longley	419	"
Unsuccessful (3 X, 14 IX.)	17	

**PORT HOOD.**—(31 candidates.)

XI. (4 candidates.)

Stanley Johnson	646	XI
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X. (9 candidates)

Margaret Winnifred Smyth	549	X
Mary Margaret McIsaac	505	"
Christina MacMaster	495	"
Anna Gertrude Bell	440	"
Mary Ann McDonald	439	"
Winnifred Smyth MacDonell	433	"

IX. (18 candidates.)

Edna Alberta Smith	339	XI
Myrtle Blanche Smith	482	X
Angus Duncan McDonell	397	"
Sarah Campbell	611	IX

Mary Margaret McEachen	608	IX
Efhe Jane Macdonald	553	"
Alexander Francis McDonald	545	"
Elizabeth McEachen	503	"
Margaret Jane McLellan	499	"
Katie A. McLean	493	"
Margaret Rose MacMaster	472	"
Catherine Eliza Moran	428	"
Edith Morrison	417	"
Unsuccessful (2 XI, 1 X, 8 IX.)	11	

**RIVER JOHN.**—(46 candidates.)

XI. (9 candidates.)

Hibbert Medley Downing	471	XI
Marian Jane Reid	435	"
James Sewart Burns Colley	414	"

X. (16 candidates.)

George Elliot MacKinnon	436	XI
Clifford Elmore Carruthers	391	"
Christina Barbara McKay	346	"
Smith Clark Rogers	335	"
Florence Christina Downing	528	X
Willena Mabel McDonald	496	"
Lillie Edith Tattrie	446	"

IX. (21 candidates.)

Florence May Langille	282	XI
Florence Beatrice Dwyer	257	"
Margaret Lola Maxwell	502	X
Annie Olivia MacKay	451	"
Christina Campbell	389	"
Annie Amelia Stromberg	388	"
Jessie Marshall Campbell	383	"
Jessie Annie Gunn	375	"
Helen Augusta Mackenzie	332	"
Jessie Helen Henry	313	"
Mary Olive Reed	539	IX
Sadie Maria Payne	438	"
Unsuccessful (5 X, 19 IX.)	24	

**SHEET HARBOR.**—(32 candidates.)

XI. (3 candidates.)

Leah Munson Henry	428	XI
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X. (7 candidates.)

Lauretta McKiel	392	XI
Thomas Roy Hall	601	X
Walter Elten Hall	525	"
Nathan Everett Clattenburg	487	"
Ernest Gilchrist Hall	463	"
Annie Rebecca Moser	452	"

IX. (22 candidates.)

Neil MacMillan	328	XI
Bessie Ballong Corner	389	X
Annie Marie Fahie	634	IX
Mary Beatrice Jewers	602	"
Anna Rosborough Comer	588	"
Annie Isabelle McDonald	556	"

Lucy Winnifred Balcombe.....	554	IX
Edith Inez Tupper .....	511	"
Christine Mable Irwin .....	496	"
Stella Wilton Whitman .....	472	"
Anna Amelia Hall .....	460	"
Winnifred Baker .....	457	"
Mildred Jane Gallagher.....	445	"
Carrie Hall MacMillan .....	429	"
Margaret Bella Hartling.....	424	"
Frank Henley } .....	408	"
Izetta Blanche Josey } .....	400	"
Eva May Perry .....	400	"
Unsuccessful (1 X, 6 IX).....	7	"

**SHELBURNE.**—(37 candidates).

## XI. (11 candidates).

Solon Crowell .....	540	XI
Frank Bradshaw Bruce .....	507	"
Ethel Harris Bower } .....	477	"
Lena Nellie Davis } .....	477	"
Helen Glenn Hammond .....	458	"
William Cole MacDonald .....	457	"
Mildred Houghtou .....	415	"

## X. (15 candidates).

Maude Augusta MacKay .....	387	XI
Isabel Frances Frost .....	380	"
Harriet Devine .....	368	"
Margaret Mary Walsh .....	328	"
Louisa Clarence Bruce.....	685	X
Lola Dean Miller .....	639	"
Jedidah Burns Goodick .....	572	"
John McGeorge Hogg .....	561	"
Annie MacKay Jones .....	519	"
Ruby Alena Hardy .....	483	"
Margaret Vivian Harris .....	428	"
Hattie Holden MacKay .....	417	"

## IX. (11 candidates).

Eula May Downie .....	451	X
Annie Laura Firth .....	398	"
Edith Viola MacKay .....	372	"
Carrie Zipporah Spanks .....	367	"
Philip Brown .....	360	"
Mildred Jane McLean .....	343	"
Hattie Taylor Davis .....	343	"
Mary Maynard MacLean .....	652	IX
William Douglas Morton.....	578	"
Emily Louisa Firth .....	551	"
Alice Whitfield Firth .....	470	"
Harley Samuel Cox .....	468	"
Annie Belle Bethune .....	458	"
Unsuccessful (1 X, 4 IX) .....	411	"
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**SHERBROOKE.**—(20 candidates.)

## XI. (2 candidates.)

Martha Suttis Hewitt .....	510	XI
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## X. (5 candidates.)

Carrie Henderson McMann .....	350	XI
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Alexander William Gunn .....	545	X
Rodena Bell Sutherland .....	411	"

## IX. (13 candidates.)

Jeanie Ethel Publicover .....	328	X
Annie Blanche Cropley .....	418	IX
Unsuccessful (2 X, 12 IX).....	14	

**SPRINGHILL.**—(45 candidates).

## XI. (12 candidates).

Isaac Braidy .....	592	XI
Allan Lemert Purdy .....	584	"
Charles Edward Mackenzie .....	546	"
Jane Ation Russel .....	478	"
Minetta Lavinia Eaton .....	467	"
Mamie Anna Brownell .....	466	"
Effie Roney .....	464	"
Alice Swift .....	408	"

## X. (15 candidates).

Lillian Beatrice Langille .....	359	XI
Lydia Clara McKay .....	327	"
Loretto Isabel McPhee .....	579	X
Sadie Jane Peers .....	518	"
Maude Odell Boss .....	517	"
Fannie O'Brien .....	460	"
Essie Eliza Sproule .....	456	"
Annie Grey Murray .....	445	"
William Gladstone Lodge .....	442	"
Maudena Mae Seifert .....	439	"
Bertha Fletcher .....	427	"
James Archibald Matthews .....	421	"
Della O'Brien .....	411	"

## IX. (18 candidates).

Hattie Irene Dixon .....	363	X
Winnifred Rachel Dickson .....	349	"
Teresa Rose McPhee .....	625	IX
Annetta Matthews .....	586	"
Bessie La Reta Bent .....	585	"
Isabella Agnes Burden .....	563	"
Isadore Evering Ross .....	519	"
George Francis Elliott .....	478	"
Annie Edna Gilmour .....	451	"
Victoria Mullans Smith .....	450	"
Alfred Archibald .....	427	"
Maude Marie Harrison .....	424	"
Hugh Arthur Simpson .....	421	"
Unsuccessful (2 XI, 2 X, 7 IX).....	11	

**STELLARTON.**—(44 candidates).

## XI. (8 candidates).

Ernest Francis Robergs .....	551	XI
Hugh Duncan McKay .....	541	"
Mark Joseph Savage .....	510	"

## X. (18 candidates).

John Linton Dwyer } .....	371	XI
Williamina MacKay } .....	582	X
Chas Dempster Rutherford Murray .....	582	X



Maggie Janet MacMillan	512	X
Margaret Ann Bannerman	506	"
Donnie Cameron	494	"
May Boutilier	450	"
Martha McQuarrie	446	"
Emily Margaret Fraser	444	"
Eunice Lavinia Boutilier	419	"

IX. (18 candidates).

Estella Harris	321	XI
Grace Augusta McIntosh	295	"
Martha Mills	288	"
Isabel McGillvray Grant	446	X
Margaret Bell Patterson	435	"
Mary Jessie McKay	382	"
Wilfred Laurier Faulkner	358	"
Mary Stewart	489	IX
John Daniel Tupper	465	"
George Albro Mullins	452	"
Serena Pansy Rogers	446	"
Annie May MacArthur	425	"
Raymond Stewart Fraser	419	"
Unsuccessful (6 X, 12 IX)		18

ST. PETER'S.—(46 candidates).

XI. (6 candidates).

John Alexander Calder	508	XI
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X. (19 candidates).

Malcolm Macdonald	393	XI
Kenneth Murdock Matheson	350	"
John Kenneth Murchison	346	"
Minnie Ellen Murphy	600	X
Laura Evangeline Boyd	553	"
Minnie Ann Macneil	508	"
Annie Morrison	463	"
William Daniel Morrison	445	"
Eva May Burke	431	"
Mary Caroline Martell	425	"

IX. (21 candidates).

Peter Alexander McLeod	254	XI
Beatrice Mary Sampson	396	X
Melina Burke		
Donald Neil MacLeod	375	"
Maggie Louisa McIntyre	369	"
Charlotte Mary Brymer	344	"
Teresa MacKenzie	343	"
Alexander Ross McDonald	600	IX
Clarence William Bissett	554	"
Lauchlin John Shannahan	532	"
Tena Jessie Finlayson	527	"
John Finlay MacKay	480	"
Donald Edward McVicar	477	"
Anderson Billing Boak McKillop	461	"
Donald McNiven Matheson	459	"
Jessie Ann Morrison	450	"
Flora Cassie Morrison	444	"
Margaret Catherine Currie	427	"
Millidge Angus Howard Morrison	412	"
Unsuccessful (1 XI, 6 X, 9 IX)		16

SYDNEY.—(56 candidates).

XII. (2 candidates).

Duncan M. Matheson	1293	XII sc.
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XII "Partial" (2 candidates).

XI. (6 candidates).

Edith Irene Fulton	969	XII sc.
Annie Slattery	557	XI
Sadie May Schurman	555	"
Gladys Ellen Palmer	402	"

X. (14 candidates).

Christie Belle Kennedy	390	XI
Annie Florence Kerr	496	X
Mary Josephine Cusack	481	"
Mary Eurella Fulton	470	"
Norman Chester Ralston	446	"
Bernardine Moyuagh		
Emma Taylor	415	"

IX. (32 candidates).

Elgie Campbell	241	XI
Alexander Allen McIsaac	385	X
Mary Josephine McIsaac	614	IX
Minnie Lenore Smith	516	"
Georgie Stevens	512	"
Clara Fielding	489	"
Irene Farquarson	487	"
Ivan Steele Ralston	480	"
Norman Merle Macneil	473	"
Philip Morris	461	"
Margaret McIsaac	453	"
Robert MacMillan		
Annie Lillian Stacey	442	"
Edgar Young	435	"
Helena Beatrice Burke	415	"
John Albert Verner	407	"
Florence Margaret McFarlane	403	"

Unsuccessful (2 XII "Partial" 1 XI, 7 X, 17 IX)..... 27

TATAMAGOCHE.—(50 candidates.)

XI. (8 candidates).

Bessie M Reid	498	XI
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X. (18 candidates).

Carrie Margaret Drysdale	369	XI
Arthur Morrall Johnson	347	"
Sarah Arvilla Purdy	315	"
Willie McCully Nelson	591	X
Amelia Henrietta MacKenzie	549	"
Janie Elizabeth McLeod	544	"
James Roy Drysdale	490	"
Lizzie Blanche Patriquin	481	"
George Douglas Langille	480	"
Katherine A Sutherland	454	"
Maria Jane Ferguson	448	"
William Donaldson Langille	446	"
Florence Dewar	423	"

Stella May Weatherby	421	X
Aggie Aitcheson Clarke	420	"
Gertrude Maria Miller	414	"

## IX. (24 candidates.)

Sarah Elizabeth Canfield	376	X
Jessie Ann McLeod	574	IX
Annie May Matheson	536	"
Janet Roche Drysdale	534	"
Maggie Ellen Sutherland	498	"
Lydia McEachren	468	"
Hilda Belle MacDonald	463	"
Lulu Frances Elviretta Vincent	462	"
Jennie Willard Sutherland	448	"
Mattie Terry Harris	433	"
Edith Hamilton	427	"
Clara Beatrice Nelson	423	"
Annie Mabel Langille	420	"
Hattie Jane Matheson	407	"
Harry Orwell Patriquin	400	"
Unsuccessful (4 XI, 4 X, 10 IX.)	18	

## TRUBO.—(207 candidates.)

## XII. (8 candidates.)

Martha Ashmore Creelman	1435	XII	cl.
Linda Louise Moorman	1420	"	sc.
Regina Alice Bentley	1269	"	cl.
Charles John MacInnes	1133	"	"
Gertrude Olive Honour Smith	1090	"	"

## XII. "Partial." (4 candidates.)

## XI. (49 candidates.)

Marion Margaret J. McCurdy	1141	XII	sc.
Mary Helen McCully	1097	"	"
James Harold Bavidge	1029	"	cl.
Francis Layton	676	XI	
Matthew George Burris	674	"	"
Helena Beatrice Marsters	666	"	"
Annie Rebeca Totten	597	"	"
Frank Dustan Pierce	586	"	"
George Cartnell Connor	578	"	"
Myrtle Maddin Goode	577	"	"
Frederick James Dawson	566	"	"
Winifred Nairn	563	"	"
Ethel Elizabeth Parker	561	"	"
Melissa Nelson	552	"	"
John Bernard Hanway	536	"	"
Walter Bruce	526	"	"
Lennie Lynds	524	"	"
Elsie May Hawkin	511	"	"
William McKay Sutherland	509	"	"
Mary Pearl Fields	498	"	"
Charles Archibald McLennan	487	"	"
Harry Hogg Yuill	487	"	"
Andrew Kirkpatrick Moore	484	"	"
Stella Jane Ervin	482	"	"
Mary Jane McLeod	472	"	"
Mary Maria Sutherland	468	"	"
Janet Rachel Dickson	465	"	"
John Stuart Snook	460	"	"
Thomas Percy Bentley	436	"	"
George Walter Beck	432	"	"
Lizzie Harriette MacMillan	425	"	"

Janetta Crowe	421	XI
James Ross Archibald	420	"
Seymour Albert Hiltz	419	"
Bessie Ann Sutherland	413	"
Ruby Hill	411	"
Reginald McKean Saunders	411	"

## X. (45 candidates.)

George Worsley Taylor	412	XI
Daniel Hattie	390	"
John Spencer Nairn	386	"
Alice Belle Archibald	370	"
Edythe Morgan	370	"
Grace Alma Hill	360	"
Ethel Susan Harris	333	"
Beatrice Laughlin Harris	319	"
Harold Simmonds Davis	870	X
Susan Kent	698	"
Helen Aretia Eveson Smith	616	"
Norman Henry McLennan	595	"
Jamesina Moore	548	"
Alice May Archibald	545	"
Mary Elizabeth Bambrick	545	"
Alice Muriel Mills	524	"
Harry Geddy Clark	510	"
Mabel Bell McCurdy	508	"
Margaret Scott Logan	501	"
Sadie May McMillan	489	"
Georgina May Higgins	487	"
Fred James Arrol Blackburn	471	"
Herbert Creelman	457	"
Laura May Dickie	453	"
Edward Kent	448	"
Agnes Jane McKim	446	"
Arthur Stanford Wall	445	"
Hattie Letitia Chisholm	431	"
Gertrude Hazel Tays	430	"
Harold Crowe Chisholm	419	"
William Frederick Urquhart	418	"
Harriette Estella Nichols	414	"
Amy Mosher	408	"
William Arthur Whidden	403	"

## IX. (101 candidates.)

Jennie Moore	352	XI
Ina Ann MacInnis	282	"
Frances Joy Torrens	251	"
Florence Hanway	240	"
Annie Maie Nelson	398	X
Helen Mabel McLennan	391	"
Janie Abigal Kent	385	"
Edgar Caleb Lewis	384	"
Helen Gwendolyn Parker	381	"
Jean Hovey Patterson	368	"
Frederick Davidson Kennedy	367	"
Jessie Brenton	367	"
Margaret Louise Gray	360	"
Isabelle Jennie Stevens	357	"
Percy George Potter	348	"
Hattie Nerval Archibald	344	"
Ada Maude Nelson	335	"
Bertha Peppard	319	"
Jessie Laurence Macdougall	821	IX
James Thomas Moxon	780	"
Marion Jane Taylor	746	"
Margaret Jane Irwin	709	"

Mary Emily Stanfield Smith	699	IX
Lizzie Maie Logan	623	"
John Congdon Crowe	607	"
James McGregor Stewart	598	"
Annie Henrietta Macara Layton	570	"
William Arthur Joy	568	"
Max Stanfield Eaton Archibald	565	"
David Muir Wilks	559	"
Margaret Agusta Doane	548	"
Bessie Jane Lynds	545	"
Bella Bertha Wilson	541	"
Henrietta Moore	530	"
Maggie Gertrude Barnhill	} 528	"
Harry Wimburne Pollock		"
Olive deBec Wheeler	521	"
Arlo William King	519	"
Ruby Douglas Mackenzie	510	"
Harry Wendell Mahon	508	"
Harry Austin Keys	504	"
Ida Lydia Burrows	503	"
Eugene Mosher	501	"
Margaret Agnes Crowe	499	"
Charles Gordon Stuart	497	"
Annie Maude Frame	495	"
Francis Murray Dawson	491	"
Bertha Olive Roode	489	"
Catherine Isabelle Sutherland	488	"
Dexter Scott McCurdy	487	"
Arthur Ogdan Thomas	486	"
Leah Anna Fulton	468	"
Alfred Lewis Kennedy	462	"
Arthur Lovett Harvey	456	"
Burton William Hanway	454	"
Cora Ethel Baird	449	"
Alice Arbuthnot Bruce	445	"
Fred Andrew Jamieson	439	"
Elston Charles Hill	429	"
Ernk Leslie Lewis	427	"
Minnie Edna Henry	420	"
May Lily Ross	418	"
Tressie May Crowe	417	"
Foster Parker Archibald	415	"
Gertrude Teresa Gillis	414	"
Mary Douglas Whidden	405	"
Isabelle Wilson	400	"
Unsuccessful (4 XII "Partial," 3 XI, 5 X, 52 IX)	64	

**UPPER STEWIAKKE.**—(21 candidates.)

X. (10 candidates.)

Edward James Oxley Fraser	508	X
Margaret Dickie	499	"
Lizzie Eva Gourley	475	"
Mary Mellish	439	"
Julia Minerva Graham	438	"

IX. (11 candidates.)

Olive Blanche Dickie	391	X
Andrew Crocker Fisher	383	"
Henry Robertson Foster	382	"
Maggie Fay Rutherford	518	IX
Elizabeth Madge Johnson	505	"
Francis Martin Johnson	454	"
Nellie Fraser Crocker	444	"
Unsuccessful (2 X, 7 IX)	9	

**WESTPORT.**—(27 candidates.)

XI. (7 candidates.)

Eudora May Stevens	547	XI
Nellie Irene Lent	537	"
Eva Consulla Outhouse	509	"
Harry Gordon Stenderson	490	"
Gordon Henry Gower	482	"
Frank Irving Lent	435	"
James Johnstone Bancroft	433	"

X. (8 candidates.)

James Melbourne Shortliffe	633	X
Edna Estelle Bailey	479	"
Ida May Gower	453	"
Alma Leslie McDormand	409	"

IX. (12 candidates.)

Cleveland Earl Collins	396	X
Edna Earl Gower	381	"
Sydney Welton Thurber	605	IX
Maude Achsa Stevens	566	"
Arnold James Denton	550	"
Arthur Walton Prime	525	"
Ina Lindsay Gower	503	"
Marjorie Christine Olsen	497	"
Raleigh Bishop Brooks	433	"
Sadie Maude Haines	426	"
Albert Clay Bayford	414	"
Edson Albert Hayfield	403	"

Unsuccessful (2 X, 2 IX)..... 4

**WINDSOR.**—(100 candidates.)

XI. (20 candidates)

Angela Bessie Bober	664	XI
Verna Kathleen Sexton	651	"
Bertha Eudora Pentz	566	"
Lena Mildred Lockhart	512	"
Effie Mable Ingraham	501	"
Grace Bertha Card	473	"
Florence May Sexton	472	"
Hattie Conradine Faulkner	462	"
Rath Emilie Mosher	459	"
Eliza Perley Brison	} 453	"
Bessie Brenda Lockhart		"
Arthur George Lockhart	451	"
Frederick Gordon Marsters	448	"
Linden Eliza Anthony	418	"
Laura Ethel Davison	412	"

X. (39 candidates.)

Ethel Alder Withrow	397	XI
Alice Georgia Vaughan	370	"
Ethel May Foley	355	"
Nellie Gertrude Brison	350	"
Wilhelm Curt Bober	765	X
Maurice Weeks Black	587	"
Eva Bessie Lockhart	564	"
Lola Bessie Sutherland	545	"
Harriet Edna Lawrence	515	"
Cyril Burton North	510	"
Martha Grace Davison	509	"

Melicent Ruth Smith	501	X
Hugh Norris Haines	500	"
Mona Blanche Demmons	493	"
Martha Rebecca Stevens	481	"
Ethel May Lunn	481	"
Ethel May Smith	479	"
Helen Madge Bradshaw	469	"
Ernest Brewster Mosher	461	"
Idella Phebe Mosher	448	"
Card William Church	442	"
May Evelyn Foley	439	"
Bertha Louise Davison	438	"
Estella Louise Scott	438	"
Ada Maude Fulmore	426	"
Hilda Maria Campbell	423	"
Jessie Eudora Weatherhead	404	"
Alice Augusta Harvie	400	"

IX. (41 candidates.)

Mary Bessie Vaughan	398	X
Blanche Gertrude Robbins	395	"
Frank Ashton Beazley	386	"
Jennie Marie Dickson	362	"
Janet Gleason Greenough	348	"
Sarah Gordon Aker	338	"
Altha Faulkner	319	"
Collie Maude Patterson	661	IX
Alma Davison Parker	608	"
Edward Lee Davison	563	"
Percy Brownell Walley	562	"
Margaret Jane Barron	560	"
Ethel Louise Dobson	560	"
Ida LeOta Smith	552	"
Stanley Woolaver	551	"
Mabel Eslie Lantz	546	"
Thelma Marguerite Sexton	546	"
Abigail Beazley	543	"
Elbridge Cecil Baine	539	"
Arthur Ormond Forsyth	530	"
Annie Martha Lynch	529	"
Bernard Stuart Haley	526	"
Walter Henry Pentz	522	"
Lois Olive Shand	515	"
Elizabeth Mary Shand	498	"
Eta Lillian Young	493	"
May Aleta Millette	487	"
Grace Cecilia Shaw	484	"
Herbert Woodworth Shand	479	"
Melbourne William Russell Chappell	468	"
Nellie Clyde Mosher	443	"
Florence Mabelle Canavan	432	"
Sarah Margarette Devenney	402	"
Unsuccessful (1 XI, 8 X, 15 IX)	24	

WOLFVILLE.—(62 candidates).

XI. (16 candidates.)

Eva Lois Peck	618	XI
Robert Fitz Randolph Newcomb	572	"
Annie Laura Martin	569	"
Gordon Pettengill Bishop	508	"
Amy Winifred Eaton	498	"
Mildred Ethel King	492	"
Frank Howard Eaton	485	"
Frederick Irving Woodworth	477	"
Marion Parker	461	"

Robert William Stewart	459	"
Mildred Wallace Daniels	445	"
Annie May Woodman	454	"

X. (27 candidates).

Margaret Watson Weeks	392	XI
Edith Maude Eastwood	390	"
Antoinette Ernestine Cahoon	583	X
Annie Beulah Elderkin	582	"
Lucia Mary Parker	580	"
Carrie Etta Power	554	"
Clarence Ross Messinger	553	"
Mary Sophronia Stronge	549	"
Hilda Estelles Vaughan	546	"
Lewis Henry Caldwell	540	"
Emma Gray Murray	485	"
Victor Woodworth	481	"
Margaret Cogswell Chase	464	"
Annie Evelyn Strong	454	"
Herbert Stairs Ells	447	"
Bertha Charlotte Miner	444	"
Effie Mabel Olive Seabayer	432	"
Leah Agnes Borden	425	"
Erminia Day Williams	417	"
Kathleen Margarethe Wortman	411	"
Albert Edward Chase	403	"

IX. (19 candidates.)

Anna Gertrude West	285	XI
Myrtle Beatrice Parker	395	X
William Chipman Huntington	384	"
Beatrice May Weaver	366	"
Edna Vera Beckwith	339	"
Zetta Clarissa North	330	"
Ethel Tweedell	633	IX
Violet Ruth Stewart	569	"
Clara Blanche Fielding	556	"
Mabel Eaton Wickwire	546	"
Nellie Rowena Wood	526	"
Blanche Annie Benjamin	554	"
Amy Viola Maude Roscoe	512	"
Frank Leslie Woodman	501	"
Philip Edward Sawyer	488	"
Mabel Annie Green	477	"
Celia Agusta Sanford	461	"
Laura May Wickwire	458	"
Elisha Turner Peck	447	"
Nellie Grace Mines	408	"
Earl Stanley Archibald	402	"
Unsuccessful (1 XI, 3 X, 4 IX)	8	

YARMOUTH.—(150 candidates).

XII "Partial" (5 candidates).

XI. (36 candidates).

Harold Victor Lewis	653	XI
Eva Anna Amirault	611	"
Effie Alta Tedford	567	"
Ethel Morse Baker	539	"
Florence Beatrice Hall	533	"
Keith Forrester Rogers	530	"
George Forrester Crowell	527	"
Olive Madeline Amirault	519	"
Georgie Willard Allen	512	"

Roy William Allen	502	XI
Martha Scott	483	"
Agnes Muriel Robbins	475	"
Lena Bertha Amiro	457	"
Melvin Ashley Durland	449	"
Gordon Herbert Churchill	436	"
Mary Emily Spinney	428	"
Ella Belliveau	425	"

X. (38 candidates).

Mathilda Rose Belliveau	398	XI
Frank Douglas Doty	387	"
Lulu Hayes Allen	382	"
Christine Walker Parry	378	"
Flora Ethel Wetmore	374	"
Mary Edith Crosby	372	"
Margaret Kathryn Crosby	364	"
Anna Scott	363	"
Clara Minnie D'Entremont	352	"
Charles Curtis MacKay	333	"
Jane Evangeline Cleland	708	X
Alfred Wade Trefry	649	"
Gerald Vincent Pelton	615	"
Sarah Minnie Teed	610	"
Flora Killam	562	"
George Wilbur Spinney	561	"
Emma Pearl Butler	559	"
Jean Doane McGray	539	"
Addie Williams Durland	537	"
Frank Sanderson Rogers	526	"
Mary Phoebe Payson	522	"
Matilda Perry Crosby	496	"
Philip Hood	495	"
James Elmar Mood	470	"
Jennie Atwood Doane	452	"
Florence Helena Porter	443	"
Verna Louise Perry	433	"
Mary Hatfield	432	"
Katie Caroline Trefry		
Muriel Agnes Kelley	426	"
Robert Sydney MacIntosh Hood	408	"

IX. (71 candidates.)

Mabel Delaney Hines	288	XI
Etta Fry Moses		
Florence Wade Rogers	280	"
Minnie Iris Moses	259	"
Robert Burnepst Bambrick	256	"
Dane Chipman Parker	474	X
Maria Fox	444	"

Roy Gibson Ewan	406	X
Elizabeth Maud Johnson	390	"
Frank Elias Cann	351	"
Una Luzetta Van Amburg	302	"
Samuel Gordon Trefry	713	IX
Letha Southwick Allen	683	"
Muriel Gibson Anderson Elliot	664	"
Maude Edith Butler	646	"
Edgar John Vickery	630	"
Victor Lancelot Tedford	624	"
Norma Annette Smith	616	"
Gilbert Ormsby Rogers	611	"
Veronica Campbell Mollison	602	"
Harvey Edwin Crowell	570	"
Lora Hunt Doane	562	"
Alfred Augustine Amiro	561	"
Grace Lillian Gayton	543	"
Carolyn Mary Fuller	540	"
Kenneth Robert Allen	531	"
Elkanah Trask, Jr	514	"
Walter Emmerson Rogers	506	"
Ivan Murray Rose	503	"
Annie Beatrice Godfrey	498	"
Elsie Churchill Bain	496	"
Edith Agnes Lewis Chipman	494	"
Erik Wilson	486	"
Vivian Bell McCrae	477	"
Margaret Evelyn Durland	470	"
Annie Alice Fuller		
Bessie Helena Platt	468	"
Clarence Killam Hood	463	"
Genevieve Armont Belliveau	462	"
Mary Stella Muise	459	"
Lenora Kenton Roberts	458	"
Edith Winnifred Eaton	454	"
Edna Augusta LeBlanc	453	"
Lalial Wetmore	452	"
Evelyn Norman Jeffery	451	"
Simon Augustine Amiro	448	"
Viva Clandine Stingel	446	"
Amanda Rebecca Ryder	441	"
Marion Agnes Canning	439	"
Rosy Isabelle Amiro	427	"
Claude Dean Messiner	425	"
Kenneth Ernest Abbott	423	"
Gladys Jessie Coates	419	"
Grace Muriel Stoneman	415	"
Mabel Edith Cavanagh	412	"
Bertha Lillian Harding		
Christine Williamson	404	"
Unsuccessful (5 XII "Partial," 4 XI, 11 X, 25 IX.)	45	

# PASS LIST, 1903.

## TEACHERS' PROVINCIAL EXAMINATION.

### MINIMUM PROFESSIONAL QUALIFICATION.

[See Comments and Regulations of the Council of Public Instruction, "Licensing of Teachers," Reg. 107 and 115, pages 96 and 99, Manual 1901.]

#### AMHERST.—(6 candidates.)

Emma Isabel Glennie.....	178	Second Rank.
Burton Elliott Goodwin ..	171	"
Hazel Fowler Baird }.....	167	"
Stella Rockwell }		
Annie Mabel Rector.....	157	"
Ivy Isabella L. Cove.....	137	Third Rank.

#### ANNAPOLIS.—(12 candidates.)

Gertrude Lockward .....	176	Second Rank.
Reginald C. Woodbury ..	169	"
Frank Nelson Halliday....	151	Third Rank.
Lottie Edna Walker .....	146	"
Emily Gertrude Gilliatt ..	143	"
Jean Ruggles Walker .....	135	"
Eva Blanche Moore .....	125	"
Dora Robertson Mussells ..	123	"
Wallace Lenly Henshaw....	122	"
Failures .....	3	

#### ANTIGONISH.—(20 candidates.)

Alberta Mary Munro .....	182	Second Rank.
Christina E. MacKinnon ..	175	"
Matilda McIntyre.....	157	"
Mary Gillis.....	155	"
Mary Ellen Sampson .....	156	Third Rank.
Andrew MacGillivray.....	153	"
Gladys Ernestine Strophe..	149	"
Sarah Belle Leydon }.....	146	"
Florence Taylor }		
Catherine Isabella McLean..	132	"
Alexander A. MacGillivray..	126	"
Isabella M. McKeough.....	124	"
Mary C. MacDonald.....	117	"
Margaret MacEachren .....	112	"
Jennie F. MacIntosh.....	108	"
Failures .....	5	

#### BADDECK.—(18 candidates.)

Jessie Macaulay.....	150	Third Rank.
John Robert Mackenzie }.....	144	"
Dan John Nicholson }		
Charles Alex Macrae }.....	142	"
Annie Margaret Morrison }		
Dan Alexander McLennan ..	138	"
John Roderick McLeod .....	137	"
Frank Daniel McCharles....	129	"

Annie Sadie McKenzie.....	122	Third Rank.
Alexander Cavin Fader .....	113	"
Robert Amos Rice .....	112	"
Failures .....	7	

#### BARRINGTON.—(11 candidates.)

Mary Lois Knowles .....	160	Second Rank.
Margaret Alma Nickerson..	158	"
Edith May Bethell.....	160	Third Rank.
Elsie Beatrice Smith.....	149	"
Nellie Ray Brannen.....	145	"
Mysie Maud Swaine.....	140	"
Oda Usherwood Larkin .....	138	"
Charlotte L Nickerson.....	137	"
Avis Ella Reynolds .....	118	"
Failures .....	2	

#### BERWICK.—(14 candidates.)

William Raymond Barss ..	195	Second Rank.
Nettie Blanche Cox .....	171	"
Jennie Mildred Clarke.....	169	"
Nellie Blanche McMahon ..	163	"
Victoria Ada MacBride.....	149	Third Rank.
Sadie Evelyn Cox .....	147	"
Jennie May Tobin .....	145	"
Abbie Robinson Webster ..	143	"
Myrtle Ethel Barteaux....	142	"
Georgie NaeNeily .....	138	"
Amy Watts .....	109	"
Failures .....	3	

#### BRIDGETOWN.—(3 candidates.)

Harry Bernard Havey .....	154	Third Rank.
Annie Kezia Fellows.....	128	"
Mildred J Armstrong .....	105	"

#### BRIDGEWATER.—(12 candidates.)

Elva Lucretia Fralie.....	159	Second Rank.
Jessie Eva Wile.....	153	"
Mary Elaine Thompson .....	154	Third Rank.
Gwladys Louise Porter.....	150	"
Alma Waterman .....	142	"
Cassie Emma B Corkum .....	141	"
Hannah Gertrude Feindel..	137	"
Lavinia Ina Hebb .....	122	"
Agnes Valetta Naugler .....	108	"
Failures .....	3	

**CHESTER.**—(4 candidates)

Grace Pearl Hawboldt } .. 135 Third Rank.  
 Eva Louise Nauss }  
 Mary Ethel Hayes.....117 “  
 Failure ..... 1

**CHURCH POINT.**—(2 candidates).

Fred. Stanley Nowlan .... 144 Third Rank.  
 Failure ..... 1

**DIGBY.**—(12 candidates).

Jennie Alda Croscup..... 152 Third Rank.  
 Mabelle Florence Harris... 138 “  
 Eva Baker Kennedy ..... } 137 “  
 Bertha May Woodworth }  
 Frances Jane Austin.... } 132 “  
 Curtis Lista Denton..... }  
 Cora Mabel Harris ..... } 125 “  
 Ada Saphronia Harris ..... }  
 William Josiah Wright }  
 Failures ..... 3

**GLACE BAY.**—(3 candidates).

Failures ..... 3

**GREAT VILLAGE.**—(8 candidates).

Irene Jobb ..... 157 Second Rank.  
 Eva Jane Morrison ..... 139 Third Rank.  
 Agnes DeLena Lewis..... 136 “  
 Florence G. Morrison ..... 131 “  
 Jessie May Graham ..... 127 “  
 Failures ..... 3

**GUYSBORO.**—(6 candidates.)

Rosalie Maria Walsh..... 136 Third Rank.  
 Failures ..... 5

**HALIFAX.**—(49 candidates.)

Mary Talbot O'Loane ... 216 First Rank.  
 Eleanor Sullivan..... 194 Second Rank.  
 Winnifred May Nichol ... 191 “  
 Sister M. Vincentine (Ellen  
 Pittman) ..... 190 “  
 Flora I. M. O'Hearn..... 187 “  
 Edith McCarthy } ..... 185 “  
 Eva May Moore }  
 Sister M. Clarissa (Mary  
 Conlon) ..... 184 “  
 Margaret Hutton Moody. 183 “  
 May Tryphena Davis..... 178 “  
 Margaret E. McFadden... 177 “  
 Harry Hope Blois ..... 176 “  
 Isabel Gray Chisholm } 175 “  
 Sister Baptista Maria }  
 (Catherine Cameron) .. 174 “  
 Sadie Euphemia Cameron.. 174 “  
 Pauline Douglas Cottle } .. 171 “  
 Lina Hume Withrow }  
 Sister Ethelberga (Emel- } 167 “  
 ine McKeough) }  
 Kathleen Jackson Webber. 164 “

Sister M. Gerard (Mar- } 163 Second Rank.  
 garet J. Donovan) }  
 Mary Josephine Ead }  
 Sister M. Andrea (Mary } 161 “  
 A. McPherson) }  
 Mary Catherine O'Hearn. 160 “  
 Sister M. Lawrence } 157 “  
 (Mary H. Devine) }  
 Marguerite Richardson }  
 Helen Lindsay Grant } .. 155 “  
 Pearl Mabel Smith }  
 Mary Ellen Tulloch..... 154 “  
 Sister M Magdalene (Mary  
 A Feeley) } 166 Third Rank.  
 Sister M Bernardine }  
 (Mary K. Gromley) }  
 Sister Anastasia (Margaret  
 Webb) ..... 155 “  
 Madge Parkinson ..... 163 “  
 Hazel Eda Muir Mason . . 152 “  
 Jessie Marjorie Logan } .. 146 “  
 Lily M B Thomas }  
 Maud Susan Cameron .... 145 “  
 Evelyn Finn } .. 142 “  
 Mowbray F Jemmott }  
 Sister Maria Theresa (Alice  
 McBrien)..... 140 “  
 Sister M Alberta (Lucie  
 Rubicheau) ..... 135 “  
 Beatrice Eugene Girroir . 130 “  
 Frank Roy Davis ..... 121 “  
 Failures ..... 7

**KENTVILLE.**—(11 candidates.)

Carrol Phinney Charlton . 185 Second Rank.  
 Nellie Leona Day ..... 173 “  
 Jessie Marion Dow ..... 172 “  
 Jennie Leonie Williams . 156 “  
 Harriett Alice Bligh.... 162 Third Rank.  
 Mildred Alice Campbell . 153 “  
 Pearl Annie Jones ..... 160 “  
 Sadie Belle Bentley } ..... 143 “  
 Laura M McDonell }  
 May Bradshaw Bentley . 129 “  
 Failure ..... 1

**LIVERPOOL.**—(14 candidates.)

Caro Elthaire Holdright . 174 Second Rank.  
 Nina Freeman Cushing } .. 170 “  
 Effie Robena Munroe }  
 Nellie Lea Parke ..... 164 “  
 Melbourne M Gardner... 155 “  
 Ethel Maude Parke ..... 163 Third Rank.  
 Emma Webber Smith .... 146 “  
 Bessie Sarah Turpin..... 145 “  
 Clara Harlow Ryan ..... 142 “  
 Vernie Geneva Godfrey . 137 “  
 Nellie Maud Walker ..... 135 “  
 Ethel Louisa Seamond... 129 “  
 Jessie Myrtle Freeman... 116 “  
 Nellie Vivian Freeman... 111 “

**LOCKEPORT.**—(9 candidates.)

Samuel Locke Bingay.... 151 Second Rank.  
 Mary Adina Rawlings ... 146 Third Rank.

Helena Elizabeth Hayden .137 Third Rank.  
 Hilda May Hardy . . . . .131 "  
 Clifford Giffin . . . . .117 "  
 Augusta Maud Walls . . . . .116 "  
 Failures . . . . . 3

**LUNENBURG.**—(20 candidates).

Mary Eva Corkum . . . . .172 Second Rank.  
 Vernon Blair Rhodenhizer .157 "  
 Lois Elva May Wentzell .153 "  
 Violet Lucretia Wilson . . .152 Third Rank,  
 Olive Florence Oxner . . .149 "  
 Isabel Cameron MacKean .146 "  
 Charles Albert Hebb . . .145 "  
 Addie Lavinia Feindell . . .144 "  
 Florence Ethel Kinley . . .143 "  
 Etta Florenda Inglis } 142 "  
 Muriel L. W. Bruhm }  
 Elva Laura Mossman . . .134 "  
 Nellie May Heisler . . . } 131 "  
 Laura Grace Reinhardt }  
 Ada Louise Mossman . . .129 "  
 Lola Louise Smith . . . . .125 "  
 Minnie Adelia Loness . . .123 "  
 Eva Murray Sawler . . . . .113 "  
 Failures . . . . . 2 "

**MABOU.**—(10 candidates).

Sister St. Frances (Sarah  
 McMaster) . . . . .215 First Rank.  
 Kate E. O'Connell . . . . .205 "  
 Rose McKay . . . . .127 Third Rank.  
 Sister St. Marcella (Maggie  
 Rankin) . . . . .125 "  
 Failures . . . . . 6 "

**MAITLAND.**—(7 candidates).

Mattie Embree Densmore .196 Second Rank.  
 Clara Julia O'Brien . . .164 "  
 Blanche Evelyn Anthony .149 Third Rank.  
 Myra Jean O'Brien . . . . .145 "  
 Greta Frances O'Brien . . .142 "  
 Failures . . . . . 2 "

**MARGAREE HARBOUR.**—(7 candidates).

Katie Jane Campbell . . . . .136 Third Rank.  
 Sara Ann Buckles . . . . .122 "  
 Stanislaus P. McDonald .109 "  
 Failures . . . . . 4 "

**MIDDLE MUSQUODOBOIT.**—(15 candidates)

Gertrude Lynds Brown . .166 Second Rank.  
 Ada Charlotte Little . . .162 "  
 Viola Pearl McCabe . . .160 "  
 Hannah Margaret Higgins .157 "  
 Mary Sedgewick Deane . .150 Third Rank.  
 Sarah Maud Scott . . . . .149 "  
 Matilda Jane Higgins . . .148 "  
 Margaret D. R. Hartling .146 "  
 Jean Guild . . . . .144 "  
 Emma Archibald . . . . .139 "  
 Ethel Fisher } . . . . .131 "  
 Libby Guild }

Gracie Fraser . . . . .128 Third Rank.  
 Edna Archibald . . . . .118 "  
 Alice Josephine Cole . . . . .107 "

**MIDDLETON.**—(11 candidates).

Reginald Ruggles Gates .195 Second Rank-  
 Etta Beatrice Andrews . . .172 "  
 Bessie Mabel Wotton . . .164 "  
 Haydn Pearl McMurtery .161 "  
 Dora Pauline McGill . . .154 "  
 Mabel Maie Mosher . . . . .150 "  
 Sophia Neily Bartheaux . .149 Third Rank.  
 Annie Elsie Lockhart . . .140 "  
 Alma Cecilia Long . . . . .137 "  
 Mabel Maud Woodbury . .125 "  
 Clara Evelyn Smith . . . . .120 "

**NEW GLASGOW.**—(9 candidates.)

Ella Jennie McLean . . .160 Second Rank-  
 Jean Olding Grant . . . . .114 Third Rank-  
 Failure . . . . . 7

**NORTH SYDNEY.**—(5 candidates.)

Failures . . . . . 5

**OXFORD.**—(12 candidates.)

Bertha Estella King . . . . .147 Third Rank.  
 Jessie Belle MacIntosh . .142 "  
 Bertha May Lynds . . . . .130 "  
 Annie Maud Robertson . .123 "  
 Failures . . . . . 8

**PARSBORO.**—(5 candidates.)

Edith Arora MacLeod . . .182 Second Rank.  
 Pearl Annie Spicer . . . . .157 Third Rank.  
 Sadie Belle Graham . . . . .131 "  
 Blanche C. Cameron . . . . .126 "  
 Failures . . . . . 1

**PICTOU.**—(21 candidates.)

Mary Jane McKay . . . . .178 Second Rank-  
 James McKinnon . . . . .177 "  
 Mary Sylvester . . . . .172 "  
 Charles Wm Stramberg . .170 "  
 Margaret Fraser . . . . .168 "  
 Martha Stewart . . . . .163 "  
 Ellen Elizabeth MacBain .153 "  
 Mabel Hannah McLeod } .152 "  
 Bessie Bell Ross }  
 George Daniel Finlayson .175 Third Rank-  
 Frank Thomas McLeod . .171 "  
 Amy Clare Giffin . . . . .157 "  
 John Stewart McDonald .151 "  
 Sabina Barbara Stoddard .149 "  
 Donald Smith MacIntosh .148 "  
 Caroline F. Archibald } .144 "  
 Grace E. McPherson }  
 Eliza Olive Cameron . . .140 "  
 Annie Wilson Reeves . . .137 "  
 Mabel Hannah McLeod . .131 "  
 Lily Rose . . . . .128



**PORT HAWKESBURY.**—(5 candidates.)

Mable Beatrice Martin ... 145 Third Rank.  
 Roberta Jameson ..... 125 "  
 Failures ..... 3

**PORT HOOD.**—(9 candidates)

Christina MacMaster ..... 130 Third Rank.  
 Edna Alberta Smith ..... 122 "  
 Alex Francis McDonald ... 118 "  
 Failures ..... 6

**RIVER JOHN.**—(9 candidates)

Florence C. Downing..... 149 Third Rank.  
 Failures ..... 8

**SHEET HARBOR.**—(6 candidates.)

Lauretta McKiel ..... 134 Third Rank.  
 Neil MacMillan ..... 133 "  
 Izetta Blanche Josey ..... 127 "  
 Failures ..... 3

**SHELBURNE.**—(6 candidates.)

Margaret Vivian Harris .. 151 Second Rank.  
 Helen Glenn Hammond ... 138 Third Rank.  
 Eula May Downie ..... 133 "  
 Frank Bradshaw Bruce ... 130 "  
 Failures ..... 2

**SHERBROOKE.**—(4 candidates.)

Carrie H. McMann ..... 157 Second Rank.  
 Helen Catherine Gunn ... 147 Third Rank.  
 Rodena Bell Sutherland .. 128 "  
 Failure ..... 1

**SPRINGHILL.**—(4 candidates.)

Muretta Lavinia Eaton... 148 Third Rank.  
 Mamie Anna Brownell ... 131 "  
 Carrie Maud Paul ..... 130 "  
 Essie Eliza Sproule ..... 106 "

**STELLARTON.**—(3 candidates.)

Jennie W. Stewart ..... 191 Second Rank.  
 Failures ..... 2

**ST. PETERS.**—(23 candidates.)

Henrietta Jane Cameron .. 152 Third Rank.  
 Lauchlin John Shannahan. 140 "  
 Minnie Ellen Murphy ... 137 "  
 John Kenneth Murchison . 123 "  
 Michael Gillis ..... 120 "  
 Duncan George MacLennan 117 "  
 Failures ..... 17

**SYDNEY.**—(7 candidates.)

Edith Irene Fulton ..... 182 Second Rank.  
 Gladys Ellen Palmer ..... 160 Third Rank.  
 Annie Florence Kerr ..... 132 "  
 Failures ..... 4

**TATAMAGOUCHE.**—(5 candidates.)

Lizzie Blanche Patriquin. 159 Third Rank.  
 Gertrude Maria Miller ... 139 "  
 Stella May Weatherby ... 137 "  
 Effie McIntosh Dewar ... 130 "  
 Maggie Annie Sutherland. 115 "

**TRURO.**—(16 candidates.)

Josephine Sommerville... 204 First Rank.  
 Regina Alice Bentley .... 180 Second Rank.  
 Louise Wisdom Beck ..... 174 "  
 Sadie May MacMillen .... 161 "  
 Mary Pearl Fields ..... 163 Third Rank.  
 Mary Ruth McCurdy } 137 "  
 Agnes Jane McKim }  
 Sarah Ellen Reid ..... 133 "  
 Jennie Moore ..... 128 "  
 Mellisa Nelson ..... 124 "  
 Jennie R. Nelson ..... 121 "  
 Ada Maude Nelson ..... 110 "  
 Failures ..... 4

**UPPER STEWIAOKE.**—(3 candidates.)

Willia Jane Rutherford... 163 Third Rank.  
 Julia Minerva Graham ... 102 "  
 Failure ..... 1

**WESTPORT.**—(3 candidates.)

Edna Estelle Bailey ..... 153 Third Rank.  
 Delbert Llewelyn Shortliffe 147 "  
 Ida May Gower ..... 129 "

**WINDSOR.**—(15 candidates.)

Tena Mildred Lockhart... 155 Second Rank.  
 Bessie Brenda Lockhart... 161 Third Rank.  
 Effie Mabel Ingraham ... 149 "  
 Eliza Perley Brison ..... 147 "  
 Linden Eliza Anthony ... 144 "  
 Hattie C. Faulkner } 139 "  
 Bertha Eudora Pentz }  
 Sara Gordon Aker ..... 131 "  
 Grace Cecilia Shaw ..... 129 "  
 Nellie Gertrude Brison ... 128 "  
 Altha Faulkner ..... 126 "  
 Lala Bessie Sutherland... 119 "  
 Failures ..... 3 "

**WOLFVILLE.**—(8 candidates.)

Clara Murray Martin ..... 180 Second Rank.  
 Mildred Ethel King ..... 167 "  
 Laura Adelia Coldwell ... 156 "  
 Marion Parker ..... 143 Third Rank.  
 Lucia Mary Parker } 138 "  
 Beatrice May Weaver }  
 Failures ..... 2

**YARMOUTH.**—(12 candidates.)

Georgia Baker Frost ..... 177 Second Rank.  
 Olive Madeline Amirault } 162 "  
 Flora Ethel Wetmore }  
 Lena Bertha Amiro ..... 155 "  
 Margaret Alberta Frost ... 151 "  
 Effie Alta Tedford ..... 168 Third Rank.  
 Minnie Inis Moses ..... 148 "  
 Georgie Willard Allen ... 146 "  
 Eva Anna Amirault ..... 141 "  
 Alswortha Maud Ingraham } 120 "  
 Ritchie ..... 2 "  
 Failures ..... 2

# Provincial Normal School of Nova Scotia

## LIST OF STUDENTS 1902-03 WITH DIPLOMA AWARDS.

### AWARDED ACADEMIC DIPLOMA.

Lucy Ann Lowe ..... Pugwash..... Cumberland.

### QUALIFIED FOR ACADEMIC DIPLOMA AFTER ONE YEAR OF SUCCESSFUL TEACHING (THOSE MARKED \* AFTER OBTAINING HIGH SCHOOL CERTIFICATE OF GRADE A); IN THE MEANTIME AWARDED DIPLOMA OF FIRST RANK.

Mabel Elva Bishop ..... Greenwich ..... Kings.  
 \*Mary Ethel Christie ..... Windsor ..... Hants.  
 Josephine Helen Stevens ..... Ellershouse ..... "  
 Ernest Alexander Munro ..... Antigonish ..... Antigonish.

### QUALIFIED FOR FIRST RANK DIPLOMA.

Catherine Belliveau ..... Middle East Pubnico ..... Yarmouth.  
 Janet Benvie ..... Upper Musquodoboit ..... Halifax.  
 Lizzie Margaret Campbell ..... West Middle River ..... Cape Breton.  
 Carrie Ethel Chesley ..... West Brooklyn ..... Annapolis.  
 Nellie Chisholm ..... Upper Caledonia ..... Guysboro.  
 Nellie Blanche Crossley ..... Cheverie ..... Hants.  
 Ruth Elzine Daniels ..... Windsor ..... "  
 Lydia Augusta Fancy ..... Pleasant River ..... Lunenburg.  
 Katheryne Gertrude Dyas ..... Parrsboro ..... Cumberland.  
 Annie Blanche Fenerty ..... Upper Clarence ..... Annapolis.  
 Emma Margaret Frame ..... Salmon River ..... Colchester.  
 Gertrude Gesner Hamilton ..... Grand Pre ..... Kings.  
 Etta Maude Hogan ..... Port Dufferin ..... Halifax.  
 Josie Deloris Lavers ..... Parrsboro ..... Cumberland.  
 Edith Eleanor Linton ..... Truro ..... Colchester.  
 Katherine Capstick Longhurst ..... Lockeport ..... Shelburne.  
 Lillian Pauline McCulloch ..... Acadia Mines ..... Colchester.  
 Minnie Louise MacKenzie ..... Truro ..... "  
 Maude Margaret MacMillan ..... Bridgewater ..... Lunenburg.  
 Catharine McInnes ..... Springville ..... Pictou.  
 Effie Laura Mason ..... Centre Rawdon ..... Hants.  
 Margaret Florence Matheson ..... Boularderie Centre ..... Victoria.  
 Jennie Blanche Morse ..... Tremont ..... Kings.  
 Elizabeth Blanche Mumford ..... Dartmouth ..... Halifax.  
 Helen Roy Saunders ..... " ..... "  
 Iva Myrtle Stevens ..... Freeport ..... Digby.  
 Louise MacLeod Thorburn ..... East Jordan ..... Shelburne.  
 Margaret Ellen Urquhart ..... Tatamagouche ..... Colchester.  
 Gertrude Blanche Wallace ..... West Gore ..... Hants.  
 Lena Eliza Wallace ..... " ..... "  
 Martha Louise Wentzell ..... Bridgewater ..... Lunenburg.  
 Lottie May Young ..... West Brooklyn ..... Annapolis.  
 Martha Emma Young ..... Sydney ..... Cape Breton.  
 Reginald Whitman Bent ..... Bentville ..... Kings.  
 Alden West Faulkner ..... Maitland ..... Hants.  
 Guy Meadows Mitchell ..... Jeddore ..... Halifax.  
 Charles William Parker ..... Belleisle ..... Annapolis.  
 Walter Putnam ..... Maitland ..... Hants.  
 Robie Leslie Titus ..... Westport ..... Digby.

**"QUALIFIED FOR FIRST RANK DIPLOMA AFTER ONE YEAR OF SUCCESSFUL TEACHING; IN THE MEANTIME AWARDED DIPLOMA OF SECOND RANK.**

Annie Henrietta Allen	Yarmouth	Yarmouth.
Clara Amanda Corkum	East Chester	Lunenburg.
Flora Lillian Crowe	Truro	Colchester.
Beatrice Emma Frye	Halifax	Halifax.
Eva May Harding	Lydgate, P. O.	Shelburne.
Fannie Kent	Springhill	Cumberland.
Annie Alberta Langille	East Earltown	Colchester.
Lillian Morwick Lockhart	East Leceister	Cumberland.
Agnes Sophia Long	Dalhousie East	Annapolis.
Grace Dora MacLauchlan	Truro	Colchester.
Lizzie May Lynds	Truro	"
Christena Sadie McLean	Upper North Sydney	Cape Breton.
Martha Elizabeth MacIntosh	South River Lake	Guysboro.
Jennie MacLennan	Truro	Colchester.
Mattie Shute Morrison	Folly Village	"
Charles Leonard Gesner	Belle Isle	Annapolis.
Julian John LeBlanc	Belle Côte	Inverness.
Frank Edmund Melançon	Corberie	Digby.
Moses Chiasson	Margaree Forks	Inverness.

**QUALIFIED FOR SECOND RANK DIPLOMA.**

Estelle Maude Abbott	Barton	Digby.
Bella Jane Atkinson	Pugwash	Cumberland.
Annie Beaton	N. E. Mabou	Inverness.
Bertha Mildred Cassidy	Ki gston	Kings.
Edith Hannah Dechman	Elmvale, Mid. Musquodoboit	Halifax.
Bessie Eliza Durling	Lawrencetown	Annapolis.
Bertha Maria Lavinia Eaton	Kingston	Kings.
Alice Melinda Eisenhauer	Blockhouse	Lunenburg.
Jennie Marie Fancy	Pleasant River	"
Florence Hume	East Chester	"
Bernice Antoinette Harding	Lockeport	Shelburne.
Grace Athol Hutchinson	Upper Musquodoboit	Halifax.
Nellie Frances Johnson	Upper Stewiacke	Colchester.
Annie Gertrude Knowlton	Wharton	Cumberland.
Emily Mary Mack	Mill Village	Queens.
Georgie McCabe	Sydney	Cape Breton.
Marie Macnutt	Maastown	Colchester.
Laura Bonyman McIntosh	Central New Annan	"
Sadie Marion McRury	Port Morien	Cape Breton.
Mabel Elizabeth Mason	Centre Rawdon	Hants.
Bertha Eusebia Newcombe	Lawrencetown	Annapolis.
Flora Alberta Phinney	Upper Granville	"
Julia Winifred Purdy	Londonderry	Colchester.
Mary Harding Reid	Port Hilford	Guysboro.
Sadie Ellen Schultz	Middle Sackville	Halifax.
Sarah Elizabeth Shaw	Minasville	"
Edna Minnie Stiles	Amherst	Cumberland.
Alice Geneva Teed	Freeport	Digby.
Alma Marie Thibault	Salmon River	"
Lizzie Tylston Titus	Westport	"
Jessie Amelia Tratheway	Watford	Lunenburg.
Lucy Georgina Whidden	Bedeque	P. E. Island.
Howard H. Mussells	Clementsport	Annapolis.

**QUALIFIED FOR SECOND RANK AFTER ONE YEAR OF SUCCESSFUL TEACHING; IN THE MEANTIME AWARDED DIPLOMA OF THIRD RANK.**

Edith Isabel Fox	Valley	Colchester.
Jessie Lavinia Harvey	Lower Stewiacke	"
Anna Annabel Hebb	Conqueral Bank	Lunenburg.
Maggie Louise Grafton	Brighton	Digby.

Mildred Estella Miner	Barton	Digby.
Ola Gladys Naus	Chester	Lunenburg.
Florence Soelestia Patterson	South Alton	Kings.
Janet Geneva Pennington	Sandy Point	Shelburne.
Laleah Jane Reid	West Advocate	Cumberland.
Lena Ethel Reid	Tatamagouche	Colchester.
Annie Jessie Ross	Marshes, West Bay	Cape Breton.
Mary Catherine MacEwan	Eureka	Pictou.
Maggie Christy Taylor	Meadowvale	Colchester.

#### AWARDED DIPLOMA OF THIRD RANK.

Lennie Adams	Brighton	Digby.
Henrietta Durland	"	"
Bessie Dickie	Lower Meagher's Grant	Halifax.
Estella Gardiner	Brooklyn	Queens.
Lena Kennedy	Canso	Guysboro.
Elizabeth MacDonald	Leitch's Creek	Cape Breton.
Marcella MacDonald	Glen Road	Antigonish.
Catherine MacMillan	Port Hood	Inverness.
Gladys Manzar	Port Gilbert	Digby.
Bertha Parker	Morristown	Kings.
Mary E. Parks	Middle Milford	Guysboro.
Isabella Robicheau	Meteghan	Digby.
Loretta Robicheau	"	"
Mary Robicheau	"	"
Mary E. Sibley	Wittenberg	Colchester.
Cecelia Smith	Broad Cove Chapel	Inverness.
Georgie Underwood	Windsor	Hants.
William Fraser	St. Andrew's	Antigonish.
James Sullivan	Erinville	Guysboro.
Murdoch Kennedy	Loch Ban	Inverness.
Reginald Saunders	Conquerall Bank	Lunenburg.

#### RECOMMENDED FOR PROVISIONAL LICENSE OF THIRD CLASS FOR THE TERM OF ONE YEAR.

Mary Baillie	Balmoral Mills	Colchester.
Maggie B. MacDonnell	Mabou	Inverness.
Mary J. MacMaster	Creignish	"
Lily Campbell	Denmark	Colchester.
Mary A. MacEachen	Sight Point	Inverness.
Florence Mackinnon	Ardrness	Pictou.
Ada Maude Nelson	Brookfield	Colchester.

#### ADVANCEMENT OF STUDENTS OF FORMER YEARS.

##### FROM FIRST RANK TO ACADEMIC.

Thomas Gallant	Belle Côte	Inverness.
Fred C. Hewitt	Lunenburg	Lunenburg.
Charles Warren Oliver	Louisburg	Cape Breton.
Berton Justus Wood	Halifax	Halifax.

##### FROM SECOND RANK TO FIRST RANK.

Charlotte Spearwater Allen	Lydgate	Shelburne.
Joseph Alvery Adams	Port Gilbert	Digby.
Winifred Burbidge	Halifax	Halifax.
Otto Von Bismarck Cossitt	Plympton	Digby.
Edna Browne Davidson	Highland Village	Colchester.
Emma Susan Davison	Montrose	"
Eva Dillon	Guysboro	Guysboro.
Cecilia J. M. Doyle	Larry's River	"
Aubrey Donkin Durling	Paradise	Annapolis.
Clara Agnes Grant	McLellan's Brook	Pictou.
Sadie Bell Logan	Truro	Colchester.
Alice Teresa Murphy	Moose River	Cumberland.
Effie L. Wheaton	Country Harbor	Guysboro.
Iza Rena Young	Millsville	Pictou.

FROM THIRD RANK TO SECOND RANK.

Minnie Arseneau	Grand Etang	Inverness.
Christina Baillie	Earlton	Colchester.
Janet Graham Clark	Upper Stewiacke	"
Susan Ettinger Cotter	Dartville	"
Lottie Grace Cornealy	Indian Harbor Lake	Guysboro.
Janie A. Ferguson	Balmoral Mills	Colchester.
Kate Adella Hamilton	Valley	"
Ansell G. Huskins	Lockeport	Shelburne.
Mabel LeBlanc	West Arichat	Richmond.
Margaret J. MacLeod	Leitch's Creek	Cape Breton.
Annie Jean Porteous	Wallace Grant	Cumberland.
Jessie Elizabeth MacKenzie	Pictou	Pictou.
Minnie Mackinnon	Boisdale Station	Cape Breton.
Christina Hannah MacLeod	St. Peters	Richmond.
Edith May Ross	North Intervale	Guysboro.
Eva Spencer	Mira Gut	Cape Breton.
Lorena J. Smith	McGray Post Office	Shelburne.

Attended Summer Course for Bi-lingual Teachers in Acadian Schools.

Rev. Augustin F. Amirault	St. Anne's College	Digby.
Joseph Alvery Adams	Little Brook	"
Constance Bourque	Eel Brook	Yarmouth.
George P. Comeau	Comeauville	Digby.
Joseph Albert Comeau	Saulnierville	"
Josephine Landry	Eel Brook	Yarmouth
Adeline Catherine Pothier	Tusket Wedge	"
Isabelle Robicheau	Meteghan	Digby.

Summer Course at Provincial Normal School for Teachers of Domestic Science.

The Summer Course in this department comprised laundry work and the preservation, repair and cleansing of all forms of textile fabrics, the instruction being given by Miss MacCall, of the Truro School of Domestic Science. The following students took the course :—

Annie Bool	Truro	Colchester.
Emma Bigelow	"	"
Jean Creelman	Maitland	Hants.
Helen MacDougall	Truro	Colchester.
Bertha Putnam	Little Harbor	Pictou.
Bessie Smith	Hilden	Colchester.
Mary Sterritt	Yarmouth	Yarmouth.
Amelia Wier	Seaforth	Halifax.

Students enrolled for Summer Course in Mechanic Science at the Provincial Normal School.

CARDBOARD WORK AND PAPER FOLDING, CUTTING, ETC.

Adeline C. Pothier	Tusket Wedge	Yarmouth.
Josephine Landry	Eel Brook	"
Constance Bourque	"	"
Isabella Robicheau	Meteghan	Digby.
George P. Comeau	Comeauville	"
Albert Comeau	Saulnierville	"
J. Alvery Adams	Little Brook	"
Eva M. Graves	Consolidated School	Middleton.
Josephine H. Stevens		
Margaret C. Spurr		

## WOODWORK.

Charles W. Parker .....	Belleisle .....	Annapolis.
Alden W. Faulkner .....	Maitland .....	Hants.
Reginald W. Bent .....	Bentville .....	Annapolis.
Chester L. Fultz .....	Sackville .....	Halifax.
Manson Lyons .....	Springhill .....	Cumberland.
Leonard Goucher .....	Halifax .....	Halifax.
Lenfest Ruggles .....	Bear River .....	Digby.
Ernest Blois .....	Halifax .....	Halifax.
Georgina Vennor .....	Truro .....	Colchester.

## Students in Summer Course at School of Agriculture.

A. F. Amirault .....	Church Point .....	Digby.
Louis Barrett .....	Truro .....	Colchester.
Emma J. Best, B. A. ....	Somerset .....	Kings
Laura Creelman .....	Truro .....	Colchester.
Matilda Creelman .....	" .....	"
Minnie Creelman .....	" .....	"
Sophia J. Coffin .....	Port Greville .....	Cumberland.
Harry W. Churchill .....	Ohio .....	Yarmouth.
Flora L. Crowe .....	Truro .....	Colchester.
Henry S. Crowe, B. A. ....	Onslow .....	"
Annie Crouse .....	Bridgewater .....	Lunenburg.
Loran A. DeWolfe, M. S. ....	West Gore .....	Hants.
Mrs. L. A. DeWolfe .....	West Gore .....	"
Etta M. Elliott .....	Clarence .....	Annapolis.
Mabelle Fash .....	Bridgewater .....	Lunenburg.
Eva Maude Graves .....	Middleton .....	Annapolis.
Carrie Hall .....	Lawrencetown .....	"
Arthur C. Harlow .....	Port Clyde .....	Shelburne.
Bessie Hume .....	Dartmouth .....	Halifax.
N. W. Hogg .....	Lawrencetown .....	Annapolis.
Lucy A. Lowe .....	Pugwash .....	Cumberland.
James S. Layton, B. A. ....	Truro .....	Colchester.
Edith Linton .....	" .....	"
Elizabeth Mumford .....	Dartmouth .....	Halifax.
Matilda Mumford .....	" .....	"
F. G. Morehouse .....	Sandy Cove .....	Digby.
Robert Matheson .....	Lime Rock .....	Pictou.
Winifred Moses .....	Ohio .....	Yarmouth.
Edna Mosher .....	Kempt Shore .....	Hants.
Janie Munro .....	West River .....	Pictou.
Helena B. S. Marsters .....	Truro .....	Colchester.
Jennie Patterson .....	Linden .....	Cumberland.
James A. Reddy, B. A. ....	Kensington .....	P. E. I.
J. Malcolm Swaine .....	Antigonish .....	Antigonish.
Percy J. Shaw, B. A. ....	Berwick .....	Kings.
Christine C. Shaw .....	" .....	"
Margaret C. Spurr .....	Melvorn Square .....	Annapolis.
Harry N. Stronach .....	Middleton .....	"
Josephine H. Stevens .....	Ellershouse .....	Hants.
Alexander J. Uiquhart .....	Tatamagouche .....	Colchester.
Amelia Wier .....	Seaforth .....	Halifax.

# TEACHERS' LICENSES, 1902-1903.

The following persons have received licenses of the Classes respectively specified, in accordance with the Law and Regulations of the Council of Public Instruction. This list includes all licenses issued since the publication of the JOURNAL for October, 1902.

**A.**

**1902.**

10 Berton Justice Wood ..... Halifax ..... Halifax.

**1903.**

1 Fred C. Hewitt ..... Lunenburg ..... Lunenburg.  
 2 Lucy Ann Lowe ..... Pugwash ..... Cumberland.  
 3 Charles Warren Oliver ..... Westville ..... Pictou.  
 4 Thomas Gallant ..... Belle Côte ..... Inverness.

**B.**

**1902.**

82 Sister St Mary (Mary E. Grant) ..... Mt. St. Bernard ..... Antigonish.  
 83 Edith Doane ..... Barrington ..... Shelburne.  
 84 Ina Maude Cooper ..... Springhill ..... Cumberland.  
 85 Bessie Edna Cooper ..... " ..... "  
 86 Jessie Blanche Dickson ..... Central Onslow ..... Colchester.  
 87 Lucy Whidden Lay ..... Amherst ..... Cumberland.  
 88 Ora Louise Webster ..... Waterville ..... Kings.

**1903.**

1 Blanche Eunice Murphy ..... Truro ..... Colchester.  
 2 Otto von Bismark Cossitt ..... Plympton ..... Digby.  
 3 Sister Mary Margaret (Adele McInnis) ..... Mt. St. Vincent ..... Halifax.  
 4 Charlotte Spearwater Allen ..... Jordan Falls ..... Shelburne.  
 5 Ina Durling ..... Bridgetown ..... Annapolis.  
 6 Effie Lorenda Wheaton ..... Mines, Country Harbor ..... Guysboro.  
 7 Margaret Gray ..... Seafoam ..... Pictou.  
 8 Estella Mabel Burris ..... Tangier ..... Halifax.  
 9 Janet Benvie ..... Kent's ..... "  
 10 Mary Ethel Christie ..... Windsor ..... Hants.  
 11 Mabel Elva Bishop ..... Greenwich ..... Kings.  
 12 Lydia Agusta Fancy ..... Pleasant River ..... Lunenburg.  
 13 Josephine Helen Stevens ..... Ellershous ..... Hants.  
 14 A. Winifred Burbidge ..... Halifax ..... Halifax.)  
 15 Guy Meadows Mitchell ..... Lower West Jeddore ..... "  
 16 Etta Maud Hogan ..... Port Dufferin ..... "  
 17 Carrie Ethel Chesley ..... West Brooklyn ..... Annapolis.  
 18 Robie Leslie Titus ..... Westport ..... Digby.  
 19 Margaret Ellen Urquhart ..... Tatamagouche ..... Colchester.  
 20 Reginald Whitman Bent ..... Bentville ..... Annapolis.  
 21 Catherine McInnes ..... Springville ..... Pictou.  
 22 Joseph Alvery Adams ..... Little Brook ..... Digby.  
 23 Nellie Chisholm ..... Upper Caledonia ..... Guysboro.  
 24 Nellie Blanche Crossley ..... Cheverie ..... Hants.  
 25 Lizzie Margaret Campbell ..... West Middle River ..... Victoria.  
 26 Louise Macleod Thorburn ..... East Jordan ..... Shelburne.  
 27 Clara Agnes Grant ..... Springville ..... Pictou.  
 28 Emma Susan Davison ..... Montrose ..... Colchester.  
 29 Ruth Elzine Daniels ..... Windsor ..... Hants.

30	Sr Teresa Joseph (Isabel Vaughan)	Mt. St. Vincent	Halifax.
31	Sr Maria Agnes (Nellie Dulhanty)	"	"
32	Hattie Louise Wentzel	Bridgewater	Lunenburg.
33	Gertrude Blanche Wallace	West Gore	Hants.
34	Helen Roy Saunders	Dartmouth	Halifax.
35	Cecilia J. M. Doyle	Enfield	Hants.
36	Mary Evangeline Dillon	Guysboro	Guysboro.
37	Charles William Parker	Belleisle	Annapolis.
38	Lena Eliza Wallace	West Gore	Hants.
39	Emma Margaret Frame	Shubenacadie	"
40	Minnie Louise MacKenzie	Truro	Colchester.
41	Edna Brown Davidson	Folly Village	"
42	Catherine Belliveau	Middle East Pubnico	Yarmouth.
43	Alice Teresa Murphy	Parrsboro	Cumberland.
44	Martha Emma Young	Whitney Pier	Cape Breton.
45	Edith Eleanor Linton	Truro	Colchester.
46	Gertrude Gesner Hamilton	Grand Pré	Kings.
47	Graham Parsons Morse	Windsor	Hants.
48	Josephine Somerville	Truro	Colchester.
49	Eva Mary Murray	Halifax	Halifax.
50	Margaret Florence Matheson	Boularderie Centre	Victoria.
51	Caroline M. E. Blair	Truro	Colchester.
52	Maude Margaret McMillan	Bridgewater	Lunenburg.
53	James Duncan MacLeod	Scotsburn Station	Pictou.
54	Katharine Capstick Longhurst	Lockeport	Shelburne.
55	Jennie Blanche Morse	Tremont	Kings.
56	Annie Blanche Fenerty	Dells Corner	Annapolis.

## C.

## 1902.

187	Lizzie Irene Bowser	Amherst	Cumberland.
188	Arthur James MacKay	Balmoral Mills	Colchester.
189	Gertrude Oressa Oxley	River Philip Centre	Cumberland.
190	Arthur DeWitt Foster	Hampton	Annapolis.
191	Minnie Beneata Thorburn	Louis Head	Shelburne.
192	Ada Louise Barrett	Truro	Colchester.
193	Kathleen Gardner	Brooklyn	Queens.
194	Sr St Mary Clementina (M. McDonald)	Souris	P. E. I.
195	Martha Ellen Dickie	Renfrew Gold Mines	Hants.
196	Nellie Cordelia Morse	Bridgetown	Annapolis.
197	Gertrude Maria Clark	Bear River	Digby.
198	Angus Stirling Gunn	E. River St. Mary's	Pictou.

## 1903.

1	Rettie Laws Benvie	Kemptown	Colchester.
2	Viola Belle McLean	Farmington	Cumberland.
3	Margaret J MacLeod	Point Edward	Cape Breton.
4	Gladys Hattie Rockwell	Brooklyn Corner	Kings.
5	Leon Guy Littlewood	The Hawk	Shelburne.
6	Blanche Gordon Hicks	Hassett	Digby.
7	Cecilia Ignace McLeod	North Sydney	Cape Breton.
8	Margaret Florence Reid	Minto	Pictou.
9	Ida Helena Wentzel	Bridgewater	Lunenburg.
10	Percy Milford Manthorne	Port Medway	Queens.
11	Minnie Gardiner Whitney Foley	Pembroke	Hants.
12	Bertha Georgina Oxner	Ritcey's Cove	Lunenburg.
13	Margaret Prinrose Dickson Campbell	Halifax	Halifax.
14	Nettie Ethel Burke	Oxford	Cumberland.
15	Lottie Louise Ross	Ross' Corner	P. E. I.
16	Annie May Dunn	East Inglisville	Annapolis.
17	Edith May Pentz	Hantsport	Hants.
18	Jennie May MacLaunders	West River	Pictou.
19	Ellen Fletcher Gould	Lower Stewiacke	Colchester.
20	Ansel G Huskins	Milton	Queens.
21	John Henderson Beazley	Hantsport	Hants.
22	Alice Maud Porter	Middleton	Annapolis.



23	Edna Minnie Stiles	Amherst	Cumberland.
24	Ethel Lillian Wright	Dalhousie East	Kings.
25	Elizabeth Janet Stalker	Barney's River	Pictou.
26	Alice Genevra Teed	Freeport	Digby.
27	Frank Edmund Melançon	Corberrie	"
28	William Hall Powell	Little Harbour	Pictou.
29	Bertha Miria Lavinia Eaton	Kingston	Kings.
30			
31	Sadie Gertrude Millett	Lunenburg	Lunenburg.
32	Mary Emily Mack	Mill Village	Queens.
33	Sadie Marion McRury	Port Morien	Cape Breton.
34	Sarah Elizabeth Shaw	Mineville	Halifax.
35	Flora Alberta Phinney	Upper Granville	Annapolis.
36	Lillian Morwick Lockhart	East Leicester	Cumberland.
37	Janie A. Ferguson	Balmoral Mills	Colchester.
38	Iva Myrtle Stevens	Freeport	Digby.
39	Lizzie Tylston Titus	Westport	"
40	Charles Gordon Titus		"
41	Edith Hannah Dechman	Middle Musquodoboit	Halifax.
42	Jennie Marie Fancy	Pleasant River	Lunenburg.
43	Mattie Shute Morrison	Folly Village	Colchester.
44	Julia Winifred Purdy	Londonderry	"
45	Bella Jane Atkinson	Pugwash	Cumberland.
46	Jennie MacLennan	Truro	Colchester.
47	Laura Bonyman McIntosh	Central New Annan	"
48	Annie Jean Porteous	Malagash Centre	Cumberland.
49	Annie Gertrude Knowlton	Wharton	"
50	Ida Tompkins	Margaree Forks	Inverness.
51	Winnie Minetta Weaver	Medford	Kings
52	Annie Henrietta Allen	Yarmouth	Yarmouth.
53	Janet Graham Clark	Kent's Post Office	Halifax.
54	Christina Hannah MacLeod	St. Peter's	Cape Breton.
55	Lottie Grace Cornealy	Indian Harbor Lake	Guysboro.
56	Susan Ettenger Colter	Lower Stewiacke	Colchester.
57	Kate Adella Hamilton	Lower Onslow	"
58	Eva Jane Spencer	Mira Gut	Cape Breton.
59	Alice Ross Rines	Maitland	Hants.
60	Margaret Laura MacKay	Trenton	Pictou.
61	Jessie Amelia Tretheway	New Germany	Lunenburg.
62	Sadie Ellen Schultz	Middle Sackville	Halifax.
63	Marie Macnutt	Masstown	Colchester.
64	Grace Dora MacLauchlin	Truro	"
65	Lillian Pauline McCulloch	Londonderry	"
66	Cornelius Conolly	Lourdes	Pictou.
67	Mattie Gertrude Barnaby	Milton	Queens.
68	Beatrice Emma Frye	Halifax	Halifax.
69	Florence Hume	East Chester	Lunenburg.
70	Margaret Walsh Croft	Mill Village	Queens.
71	Helen Lindsay Grant	Halifax	Halifax.
72	Sadie Euphemia Cameron	Dartmouth	"
73	Mary Josephine Ead	Halifax	"
74	Howard H. Mussels	Clementsport	Annapolis.
75	Mabel LeBlanc	West Arichat	Richmond.
76	Fannie Kent	Springhill	Cumberland.
77	Minnie McKinnon	New Glasgow	Pictou.
78	Wedderburn Hutchinson Watt	Amherst	Cumberland.
79	Mattie Embree Densmore	Maitland	Hants.
80	Gertrude Lynds Brown	Little River	Halifax.
81	Ada Charlotte Little	Elmsvale	"
82	Clara Julia O'Brien	Noel	Hants.
83	Elsie Winifred Hallamore	Upper Cornwall	Lunenburg.
84	Mary Jane McNeil	Mabou	Inverness.
85	Laura Adelia Coldwell	Gaspereau	Kings.
86	Clara Murray Martin	"	"
87	Almira Jane Bryden	Alma	Pictou.
88	Oscar McAulay Goodwin	Lorneville	Cumberland.
89	Burton Elliott Goodwin	"	"
90	Nettie Blanche Cox	Weston	Kings.

91	Ethel Beatrice Cropley	Bridgetown	Annapolis.
92	Moses Chiason	Margaree Forks	Inverness.
93	Minnie Agnes Arseneau	Belle Côte	"
94	Clara Maud Miller	Wallace Bridge	Cumberland.
95	Margaret Ellen McFadden	Canard	Kings.
96	Alma Marie Thibault	Yarmouth	Yarmouth.
97	Emma Jane McFetridge	Middle Musquodoboit	Halifax.
98	Helena Martha MacTavish	Lyon's Brook	Pictou.
99	Jennie Mildred Clark	Kinsman's Corner	Kings
100	Ernest Alexander Munro	Antigonish	Antigonish.
101	Etta Beatrice Andrews	Middleton	Annapolis.
102	May Tryphena Davis	Dartmouth	Halifax
103	Clara Amanda Corkum	Duncan's	Lunenburg.
104	Bertha Mildred Cassidy	Kingston	Kings.
105	Reginald Ruggles Gates	Middleton	Annapolis.
106	Euphemia May Nicholson	Halifax	Halifax.
107	Katie Idella Smith	Lower LaHave	Lunenburg.
108	Grace Athol Hutchison	Upper Musquodoboit	Halifax.
109	Geogie McCabe	Baddeck	Victoria.
110	Edith Avora MacLeod	Parrsboro.	Cumberland.
111	Jennie Ferguson Macdonald	Ferry Landing	Victoria.
112	Lizzie McWhinnie	Lower Granville	Annapolis.
113	Lena Mildred Lockhart	Hantsport	Hants.
114	Estella Maude Abbot	Barton	Digby.
115	Jessie Elizabeth Mackenzie	Pictou	Pictou.
116	Margaret Fraser	Scotsburn	"
117	Christina Baillie	Earlton	Colchester.
118	Nellie Frances Johnson	Cross Roads	Colchester.
119	Edith May Ross	Riverside	Guysboro.
120	Walter Putnam	Maitland	Hants.
121	Winnifred Emma Morse	Bridgetown	Annapolis.
122	Laura Ethel Davison	Avonport	Kings
123	Mildred Ethel King	Hortonville	"
124	Wila Jane Rutherford	Middle Stewiacke	Colchester.
125	Sterling Alexander McLean	West Bay	Inverness.
126	Sr M. Andrea (Mary A. McPherson)	Mt. St Vincent	Halifax.
127	Agnes Sophia Long	East Dalhousie	Annapolis.
128	Flora Little	Elmsvale	Halifax.
129	Mary Mitchell	Mill Village	Queens.
130	Angus McGillivray	Upper Springfield	Antigonish.
131	Mary Talbot O'Loane	Halifax	Halifax.
132	Sr M. Clarissa (Mary Conlon)	Mt. St. Vincent	"
133	Nellie Leona Day	Waterville	Kings
134	Jennie Dawson Phinney	Bear River	Digby.
135	Edith McCarthy	Halifax	Halifax.
136	Annie Alberta Langille	East Earlton	Colchester.
137	Bertha Eusebia Newcombe	Lawrencetown	Annapolis.
138	Mary Alice Maxwell	Halifax	Halifax.
139	Nellie Leah Parke	Port Medway	Queens.
140	Alice Melinda Eisenhauer	Blockhouse	Lunenburg.
141	Mabel Elizabeth Mason	Centre Rawdon	Hants.
142	Martha Stewart	Scotsburn Station	Pictou.
143	Mabel Angie McLeod	Milton	Queens.
144	Louise Wisdom Beck	Truro	Colchester.
145	Ella May Mager	North Brookfield	Queens
146	Civilla Mildred Fulton	Upper Bass River	Colchester.
147	Georgie Ina Starratt	Mount Rose	Annapolis.
148	Lena Nellie Davis	Lower Ohio	Shelburne.
149	Bessie Eliza Durling	Lawrencetown	Annapolis.
150	Bridget Agnes Mulcahy	Halifax	Halifax.
151	Isabella Margaret McCunn	River John	Pictou.
152	Effie Laura Mason	Centre Rawdon	Hants.
153	Ethel Gaul	East Dalhousie	Kings.
154	Christina Sophia Coulter	Wallace Station	Cumberland.
155	James MacGregor Johnson	Tatamagouche	Colchester.

## D.

231	Barbara Helen Gillis	Port Hood	Inverness.
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232	Ethel Margaret Chesley	New Germany	Lunenburg.
233	Irene May Roode	Belmont	Colchester.
234	Lizzie May Johnson	Lower Truro	"
235	Ida May Chisholm	Great Village	"
236	Alice Lauretta Mossman	Mossman's Grant	Lunenburg.
237	Eva Maria MacMillan	Aylesford	Kings.
238	Belva Elizabeth Richardson	Brooklyn	Queens.
239	Hattie Ellen Chisholm	Bear River	Digby.
240	Maude Augusta McKay	Upper Clyde	Shelburne.
241	Clara Helen Boyle	Whiteburn	Queens.
242	Eben Wilson Brown	Hartford	Cumberland.

1903.

1	Mary Gladys Lawrence	Hantsport	Hants.
2	Nerna Beatrice Gowe	West Gore	"
3	William Fraser	St. Andrew's	Antigonish.
4	George Alfred DeWolfe	L. Ship Harbor	Halifax.
5	Marcella MacDonald	Glen Pond	Antigonish.
6	Lennie Parker Adams	Brighton	Digby.
7	Mary Emily Parks	Middle Melford	Guysboro.
8	James Sullivan	Erinville	"
9	Murdock Daniel Kennedy	Loch Ban	Inverness.
10	Celia Maggie Smith	Broad Cove Chapel	"
11	Estella Fannie Gardner	Brooklyn	Queens.
12	Bessie Sibley Dickie	Lower Meagher's Grant	Halifax.
13	Isabella Kobichau	Meteghan	Digby.
14	Mary Adele Robichau	"	"
15	Catherine MacMillan	Port Hood	Inverness.
16	Lena Catherine Kennedy	Cape Canso	Guysboro.
17	Elizabeth Sara MacDonald	Leitches Creek	Cape Breton.
18	Zabine Rose LeBlanc	West Arichat	Richmond.
19	Ethel Harris Bower	Upper Clyde	Shelburne.
20	Reta Minerva Fraser	Halifax	Halifax.
21	Loretta Mary Robichau	Meteghan	Digby.
22	Mary Estella Sibley	Wittenberg	Colchester.
23	Christena Elizabeth Meikle	Meiklefield	Pictou.
24	Bertha May Parker	Morristown	Kings.
25	Josephine Christopher Kempton	Liverpool	Queens.
26	Alban Phillip Poirier	D'Escousse	Richmond.
27	Mary Smith	Chester Ironbound	Lunenburg.
28	Mary Catherine MacBain	Meadowville	Pictou.
29	Adelaide Rennels Gallagher	Port Dufferin	Halifax.
30	Vernon Blair Rhodenizer	Parkdale	Lunenburg.
31	Robert John McInnis	West Bay	Inverness.
32	Lavina Elnora Wilson	Bear River	Digby.
33	Charlotte Eliza Boomer	West Amherst	Cumberland.
34	Gladys Ruggles Manzar	Port Gilbert	Digby.
35	Jessie Lavinia Harvey	Lower Stewiacke	Colchester.
36	Janet Ginevra Pennington	Sandy Point	Shelburne.
37	Lalia Jane Reid	West Advocate	Cumberland.
38	Grace Avernia Getson	Getson's Cove	Lunenburg.
39	Ella Mactavish	Logan's Tannery	Pictou.
40	Eileen Margaret Devan	Dartmouth	Halifax.
41	Edith Isabel Fox	Valley	Colchester.
42	Mary Catherine McEwen	Enreka	Pictou.
43	Reginald McKeen Saunders	Clarence West	Annapolis.
44	Minnie Luella Veinotte	Barss' Corner	Lunenburg.
45	Florence Scelastia Patterson	South Alton	Kings.
46	Georgie Underwood	Windsor	Hants.
47	Mary Agnes Newcombe	Brooklyn Corner	Kings.
48	Charles O'Connell Walsh	Weymouth Bridge	Digby.
49	Hilarion Joseph Thibault	Digby	"
50	Ola Gladys Naus	Chester	Lunenburg.
51	Melbourne Morton Gardner	Liverpool	Queens.
52	Alice Maude Greenleaf	Brooklyn Corner	Kings.
53	Greta Frances O'Brien	Noel	Hants.
54	Jean Guild	Elmsvale	Halifax.
55	Emma Archibald	"	"

56	Olive Florence Oxner	Lunenburg	Lunenburg.
57	Violet Lucretia Wilson	"	"
58	Frank Nelson Halliday	Granville Ferry	Annapolis
59	Eva Anna Amiraault	Lower East Pubnico	Yarmouth.
60	Flora Ethel Wetmore	Cedar Lake	Digby.
61	Olive Madeline Amiraault	Lower East Pubnico	Yarmouth.
62	Haydee Pearle McMurtery	Margaretville	Annapolis.
63	Eva May Moore	Dartmouth	Halifax.
64	Jessie Belle MacIntosh	Bel Creek	Cumberland.
65	Regina Alice Bentley	Halifax	Halifax.
66	Ida May MacKay	Balmoral Mills	Colchester.
67	Georgie Willard Allen	Glenwood	Yarmouth.
68	Jennie Alda Crosscup	Bear River	Digby.
69	Eva Baker Kennedy	"	"
70	Mabell Florence Harris	"	"
71	Ada Saphronia Harris	"	"
72	Eva Jane Morrison	Folly Village	Colchester.
73	Ada Ethel Smith	Londonderry Station	"
74	Lulu Violet Peart	Guysboro	Guysboro.
75	Mary Ellen Tulloch	Halifax	Halifax.
76	Hazel Edna Muir Mason	"	"
77	Lily Mary Bertha Thomas	Lower Sackville	"
78	Effie Robena Munroe	Black Point	Queens.
79	Clara Harlow Ryan	Liverpool	"
80	Jean Harriet Cruikshank	Little River	Halifax.
81	Rosalie Marie Walsh	Guysboro	Guysboro.
82	Clara Cecily Silver	Lunenburg	Lunenburg.
83	Nellie May Heisler	"	"
84	Matilda Jane Higgins	Newcomb's Corner	Halifax.
85	Lea Munson Henry	East Sheet Harbor	"
86	Lillie May Banks	Parkdale	Lunenburg.
87	Bertha Estella King	Oxford	Cumberland.
88	Winnie Irena E. Woodland	North Middleboro	"
89	Annie Maud Robertson	Fel Creek	"
90	Leila Viola Baker	Wallace Bridge	"
91	Donald Smith MacIntosh	West River	Pictou.
92	Annie Jessie Ross	West Bay	Inverness.
93	Walter Elten Hall	Sheet Harbor	Halifax.
94	Nathan Everet Clattenburg	Pleasant Harbor	"
95	Margaret Anna Munro	Elmfield	Pictou.
96	Mowbray Fitzgerald Jemmott	Halifax	Halifax.
97	Delbert Llewelyn Shortliffe	Freeport	Digby.
98	Margaret Dickey	Middle Stewiacke	Colchester.
99	Lucy Georgina Whidden	Amherst	Cumberland.
100	Mildred Estella Miner	Barton	Digby.
101	Mary Harding Reid	Port Hillsford	Guysboro.
102	Kathleen Jackson Webber	Sackville	Halifax.
103	Bertha May Linds	Wentworth Centre	Cumberland.
104	Mildred Hamilton	Five Mile River	Hants.
105	Bertha Endora Pentz	Hantsport	"
106	Sarah Isabella Gillis	Linwood	Antigonish.
107	Sadie Belle Bentley	Sheffield Mills	Kings.
108	Stella Rockwell	Amherst Shore	Cumberland.
109	Lena Bertha Amiro	Lower East Pubnico	Yarmouth.
110	Minnie Adelia Loness	New Germany	Lunenburg.
111	Edna Estella Bailey	Westport	Digby.
112	Ida May Gower	"	"
113	Fred Stanley Nowlan	Havelock	"
114	Edna Leona Sholds	Cape Negro	Shelburne.
115	Alberta Mary Munro	Antigonish	Antigonish.
116	Isabella Margery McKeough	Linwood	"
117	Jennie May Tobin	Morden Village	Kings.
118	Georgie MacNeily	Cambridge	"
119	Libby Jane Ross	Pleasant Harbor	Halifax.
120	Lauretta McKeil	West Sheet Harbor	"
121	Sr. M. Bernardine (Mary A. Feely)	Mt. St. Vincent	Halifax.
122	Hattie Conradine Faulkner	Hantsport	Hants.
123	Linden Eliza Anthony	Mosherville	"
124	Bessie Mabel Wctton	Wilnot	Annapolis.

125	Mary Christina MacDonald	Ballantyne's Cove	Antigonish.
126	Effie Alta Sedford	Port Maitland	Yarmouth.
127	Emma Jane Morgan	Guysboro	Guysboro.
128	Flora Maude Patton	Oxford	Cumberland.
129	Nina Alice Munn	Leitches Creek Crossing	Cape Breton.
130	Joseph S. Boyle	West Arichat.	Richmond.
131	Jessie Myrtle Freeman	South Brookfield	Queens.
132	Jessie Marion Dow	Brooklyn Corner	Kings.
133	Harry Bernard Havey	Bridgetown	Annapolis.
134	Effie Mabel Ingram	Wittenberg	Colchester.
135	Agnes Evelyn Finn	Halifax	Halifax.
136	Sr M. Anastasia (Margaret Webb)	"	"
137	Mary Sedgewick Deane	Deane	"
138	Sabina Barbara Stoddard	Oyster Pond	"
139	Helen Glenn Hammond	Jordan Bay	Shelburne.
140	Mary Blanche Dobson	Tatamagouche	Colchester.
141	Mamie Anna Brownell	Linden	Cumberland.
142	Maggie Louise Grafton	Brighton	Digby.
143	Ivy Mary MacLean	Meagher's Grant	Halifax.
144	Gracie Fraser	Newcomb's Corner	"
145	Allen Boyd Crowe	Annapolis	Annapolis.
146	Curtis Lisle Denton	Little River	Digby.
147	Nellie Bethiah Purdy	Bear River	"
148	Hattie Ann McLean	Margaree Harbour	Inverness.
149	Helen Catherine Gunn	East River St. Marys	Pictou.
150	Bernice Millicent Messenger	Kingston	Kings.
151	Mary L Macdonald	Margaree Forks	Inverness.
152	Ethel Maud Parke	Port Medway	Queens.
153	Mary A. C. Ernst	Blockhouse	Lunenburg.
154	Elve Lucretia Fralie	Bridgewater	"
155	Myra Jean O'Brien	Noel	Hants.
156	Eliza Perely Brison	West Gore	"
157	Alice Georgie Vaughan	South Waterville	"
158	Jessie Macaulay	Little Narrows	Victoria.
159	Ethel May Foley	Pembroke	Hants.
160	Marion Roberta Parker	Canning	Kings.
161	Annie Keziah Fellows	Upper Granville	Annapolis.
162	Mary Hatfield	Kemptville	Yarmouth.
163	Margaret Alberta Frost	Sand Beach	"
164	Ethel Cameron	Salt Springs	Pictou.
165	John Roderick MacLeod	Grand River	Richmond.
166	Sadie May McMillen	Lower Onslow	Colchester.
167	Hannah Mabel McLeod	Durham	Pictou.
168	Blanche Charlotte Cameron	Parrsboro	Cumberland.
169	May Armenia Campbell	West Middle River	Victoria.
170	Lillian Belle Hamilton	Rockingham	Yarmouth.
171	Fessie Eliza Sproule	East Southamton	Cumberland.
172	Sadie Belle Graham	Lower Economy	Colchester.
173	Maimie Alice Corbett	New Britain	"
174	Abbie Robinson Webster	Waterville	Kings.
175	Victoria Ada MacBride	Burlington	"
176	Cora Maud Longley	Helle Isle	Annapolis.
177	Mary Adina Rawlings	Lockeport	Shelburne.
178	Mary Theresa Amiro	Lower East Pubnico	Yarmouth.
179	Blanche Evelyn Anthony	Upper Kennetcook	Hants.
180	Reginald Chalmers Woodbury	Annapolis	Annapolis.
181	Elnora Princetta Feindell	Barss Corner	Lunenburg.
182	Katie Jane Campbell	Margaree Forks	Inverness.
183	Jennie Martin	Hawkesbury	"
184	Sarah Jane Coady	Margaree Forks	"
185	Edna Alberta Smith	Port Hood Island	"
186	Bessie Bell Ross	West River Station	Pictou.
187	Carrie Webber Chambers	Middle Sackville	Halifax.
188	Minetta Lavinia Eaton	Beckwith	Cumberland.
189	Carrie Maud Paul	Springhill	"
190	Gertrude Maria Miller	Tatamagouche Mountain	Colchester.
191	Minnie Ellen Murphy	St. Peters	Richmond.
192	Ethel Alder Withrow	Newport Landing	Hants.
193	Pearl Evelyn Sanford	Upper Pereaux	Kings.

(To be handed promptly on its receipt by the Secretary of every School Board to each Teacher employed within the School Section.)

## LOCAL "NATURE" OBSERVATIONS.

This sheet is provided for the purpose of aiding teachers to interest their pupils in observing the times of the regular procession of natural phenomena each season. First, it may help the teacher in doing some of the "Nature" lesson work in the Course of Study; secondly, it may aid in procuring valuable information for the locality and Province. Two copies are provided for each teacher who wishes to conduct such observations, one to be attached to the school register, so as to be preserved as the property of the section for reference from year to year; the other to be sent in with the Return to the Inspector, who will transmit it to the Superintendent for examination, and compilation if desirable.

What is desired is to have recorded in these forms, the dates of the first leafing; flowering and fruiting of plants and trees; the first appearance in the locality of birds migrating north in spring or south in autumn, etc. While the objects specified here are given so as to enable comparison to be made between the different sections of the Province, it is very desirable that all other local phenomena of a similar kind be recorded. Each locality has a *flora, fauna, climate*, etc., more or less distinctly its own; and the more common trees, shrubs, plants, crops, etc., are those which will be most valuable from a local point of view in comparing the characters of a series of seasons.

Teachers will find it one of the most convenient means for the stimulation of pupils in observing all natural phenomena when going to and from the school, some of the pupils radiating as far as two miles from the school room. The "nature study" under these conditions would be mainly undertaken at the most convenient time, thus not encroaching on school time; while on the other hand it will tend to break up the monotony of school travel, fill an idle and wearisome hour with interest, and be one of the most valuable forms of educational discipline. The eyes of a whole school daily passing over a whole school section will let very little escape notice, especially if the first observer of each annually recurring phenomenon receive credit as the first observer of it for the year. The observations will be accurate, as the facts will have to be demonstrated by the most undoubted evidence, such as the bringing of the specimens to the school when possible or necessary.

To all observers the following most important, most essential principles of recording are emphasized: Better no date, NO RECORD, than a WRONG ONE or a DOUBTFUL one. Sports out of season due to very local conditions not common to at least a small field, should not be recorded except parenthetically. The date to be recorded for the purposes of compilation with those of other localities should be the first of the many of its kind following immediately after, etc. For instance, a butterfly emerging from its chrysalis in a sheltered cranny by a southern window in January would not be an indication of the general climate, but of the peculiarly heated nook in which the chrysalis was sheltered; nor would a flower in a semi-artificial, warm shelter, give the date required. When these sports out of season occur, they might also be recorded, but within a parenthesis to indicate the peculiarity of some of the conditions affecting their early appearance.

These schedules should be sent in to the Inspector with the annual school returns in July, containing the observations made during the whole school year and back as far as the preceding July (if possible) when the schedule of the previous school year was necessarily completed and sent in.

A duplicate copy of the schedule of observations should be securely attached to the school Register for the year, so that the series of annual observations may be preserved in each locality.

Remember to fill in carefully and distinctly the date, locality, and other blanks at the head of the schedule on the next page; for if either the date or the locality or the name of the responsible compiler should be omitted the whole paper is worthless and cannot be bound up for preservation in the volume of The Phenological Observations.

By the aid of the table given at the top of pages 3 and 4, the date, such as the 24th of May for instance, can be readily and accurately converted into the annual date, "the 144th day of the year," by adding the day of the month given to the annual date of the last day of the preceding month (April in this case), thus:  $24 + 120 = 144$ . The annual date can be briefly recorded, and it is the only kind of dating which can be conveniently averaged for phenological studies. When the compiler is quite certain that he or she can make the conversion without error, the day of the year instead of the day of the month will be preferred in recording the dates.

PHENOLOGICAL OBSERVATIONS, CANADA.

(1903 SCHEDULE.)

For the year ending July, 190 .

Province..... County..... District.....  
 Locality or School Section..... No.....

[The estimated length and breadth of the locality within which the following observations were made..... X..... miles. Estimated distance from the sea coast..... miles. Estimated altitude above the sea level..... feet.  
 Slope or general exposure of the region.....  
 General character of the soil and surface.....  
 Proportion of forest and its character.....  
 Does the region include lowlands or intervalles?..... and if so name the main river or stream..... Or is it all substantially highlands?.....  
 Any other peculiarity tending to affect vegetation?.....  
 The most central Post Office of the locality or region.....

NAME AND ADDRESS OF THE TEACHER OR OTHER COMPILER OF THE OBSERVATIONS RESPONSIBLE FOR THEIR ACCURACY.	When First Seen.	When Becoming Common.
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(WILD PLANTS, ETC.— NOMENCLATURE as in "Spotton" or "Gray's Manual").

1. Alder (*Alnus incana*), catkins shedding pollen.....
2. Aspen (*Populus tremuloides*), ".....
3. Mayflower (*Epigæa repens*), flowering.....
4. Field Horsetail (*Equisetum arvense*), shedding spores.....
5. Blood-root (*Sanguinaria Canadensis*), flowering.....
6. White Violet (*Viola blanda*), flowering.....
7. Blue Violet (*Viola palmata, cucullata*), flowering.....
8. Hepatica (*H. triloba*, etc.), flowering.....
9. Red Maple (*Acer rubrum*). flower shedding pollen.....
10. Strawberry (*Fragaria Virginiana*), flowering.....
11. " " fruit ripe.....
12. Dandelion (*Taraxacum officinale*), flowering.....
13. Adder's Tongue Lily (*Erythronium Am.*), flowering.....
14. Gold Thread (*Coptis trifolia*), flowering.....
15. Spring Beauty (*Claytonia Caroliniana*), flowering.....
16. Ground Ivy (*Nepeta Glechoma*), flowering.....
17. Indian Pear (*Amelanchier Canadensis*), flowering.....
18. " " fruit ripe.....
19. Wild Red Cherry (*Prunus Pennsylvanica*), flowering.....
20. " " fruit ripe.....
21. Blueberry (*Vaccinium Can. and Penn.*), flowering.....
22. " " fruit ripe.....
23. Tall Buttercup (*Ranunculus acris*), flowering.....
24. Creeping Buttercup (*R. repens*) flowering.....
25. Painted Trillium (*T. erythrocarpum*), flowering.....
26. Rhodora (*Rhododendron Rhodora*), flowering.....
27. Pigeon Berry (*Cornus Canadensis*), florets opening.....

PHENOLOGICAL OBSERVATIONS—(Continued )

[ Day of year corresponding to the last day of each month.]

Jan. 31.	April 120.	July 212.	Oct. 304.
Feb. 59.	May 151.	Aug. 243.	Nov. 334.
March 90.	June 181.	Sept. 273.	Dec. 365.

(For LEAP years increase each number except that for January by 1.)

- |  |     |     |
|--|-----|-----|
| 28. Pigeon Berry ( <i>Cornus Canadensis</i> ), fruit ripe .....                                      |     |     |
| 29. Star Flower ( <i>Trientalis Americana</i> ), flowering .....                                     |     |     |
| 30. Clintonia ( <i>Clintonia borealis</i> ), flowering .....   |     |     |
| 31. Marsh Calla ( <i>Calla palustris</i> ), flowering .....  |     |     |
| 32. Lady's Slipper ( <i>Cypripedium acaule</i> ), flowering .....                                    |     |     |
| 33. Blue-eyed Grass ( <i>Sisyrinchium ang.</i> ), flowering .....                                    |     |     |
| 34. Twinflower ( <i>Linnea borealis</i> ), " .....   |     |     |
| 35. Pale Laurel ( <i>Kalmia glauca</i> ), flowering .....  |     |     |
| 36. Lambkill ( <i>Kalmia angustifolia</i> ), " .....   |     |     |
| 37. English Hawthorn ( <i>Crataegus oxyacantha</i> ), flowering .....                                |     |     |
| 38. Scarlet-fruited Thorn ( <i>Crataegus coccinea</i> ), " .....                                     |     |     |
| 39. Blue Flag ( <i>Iris versicolor</i> ), flowering .....  |     |     |
| 40. Oxe-eye Daisy ( <i>Chrysanthemum Leucanthemum</i> ), flowering .....                             |     |     |
| 41. Yellow Pond Lily ( <i>Nuphar advena</i> ), flowering .....                                       |     |     |
| 42. Raspberry ( <i>Rubus strigosus</i> ), flowering .....  |     |     |
| 43. " " " fruit ripe .....   |     |     |
| 44. Yellow Rattle ( <i>Rhinanthus Crista-galli</i> ), flowering .....                                |     |     |
| 45. High Blackberry ( <i>Rubus villosus</i> ), flowering .....                                       |     |     |
| 46. " " " fruit ripe .....   |     |     |
| 47. Pitcher Plant ( <i>Sarracenia purpurea</i> ), flowering .....                                    |     |     |
| 48. Heal-All ( <i>Brunella vulgaris</i> ), " .....   |     |     |
| 49. Common Wild Rose ( <i>Rosa lucida</i> ), " .....   |     |     |
| 50. Fall Dandelion ( <i>Leontodon autumnale</i> ), " .....   |     |     |
| 51. Butter-and-Eggs ( <i>Linaria vulgaris</i> ), " .....   |     |     |
| 52. Expanding leaves in spring made trees appear green— (a) first tree, (b) leafing trees generally. | (a) | (b) |

(CULTIVATED PLANTS, ETC.)

- |   |  |  |
|---|--|--|
| 53. Red Currant ( <i>Ribes rubrum</i> ), flowering .....      |  |  |
| 54. " " " fruit ripe .....                                    |  |  |
| 55. Black Currant ( <i>Ribes nigrum</i> ), flowering .....    |  |  |
| 56. " " " fruit ripe .....                                    |  |  |
| 57. Cherry ( <i>Prunus Cerasus</i> ), flowering .....         |  |  |
| 58. " " " fruit ripe .....                                    |  |  |
| 59. Plum ( <i>Prunus domestica</i> ) flowering .....          |  |  |
| 60. Apple ( <i>Pyrus Malus</i> ), flowering .....             |  |  |
| 61. Lilac ( <i>Syringa vulgaris</i> ), flowering .....        |  |  |
| 62. White Clover ( <i>Trifolium repens</i> ), flowering ..... |  |  |
| 63. Red Clover ( <i>Trifolium pratense</i> ), " .....         |  |  |
| 64. Timothy ( <i>Phleum pratense</i> ), " .....               |  |  |
| 65. Potato ( <i>Solanum tuberosum</i> ), " .....              |  |  |

(FARMING OPERATIONS, ETC.)

- |                                |  |  |
|--------------------------------|--|--|
| 66. Plowing begun .....        |  |  |
| 67. Sowing .....               |  |  |
| 68. Planting of Potatoes ..... |  |  |

When First Seen.

When Becoming Common.

(a)

(b)



PHENOLOGICAL OBSERVATIONS—(Continued).

69. Shearing of Sheep.....	(a)	(b)
70. Hay Cutting.....		
71. Grain Cutting.....		
72. Potato Digging.....		
(METEOROLOGICAL PHENOMENA.)		
73. Opening of (a) Rivers, (b) Lakes without currents.....		
74. Last Snow (a) to whiten ground, (b) to fly in air.....		
75. Last Spring Frost (a) "hard" (b) "hoar".....		
76. Water in Streams, Rivers, &c., (a) highest, (b) lowest.....		
77. First Autumn Frosts, (a) "hoar" (b) "hard".....		
78. First Snow (a) to fly in air, (b) to whiten ground.....		
79. Closing of (a) Lakes without currents, (b) Rivers.....		
80. Number of Thunder Storms (with dates of each).....		
Jan.....	Feb.....	Mar....., Apr....., May.....
June.....	July.....	Aug.....
Sept.....	Oct.....	Nov....., Dec.....

[Day of year corresponding to the last day of each month.]					Going North or coming in Spring.	Going South or leaving in Fall.
Jan.	31.	April 120.	July 212.	Oct. 304.		
Feb.	59.	May 151.	Aug. 243.	Nov. 334.		
March 90.	June 181.	Sept. 273.	Dec. 365.			
(For LEAP years increase each number except that for January by 1.)						

(MIGRATION OF BIRDS, ETC.)		
81. Wild Duck migrating.....		
82. Wild Geese migrating.....		
83. Song Sparrow ( <i>Melospiza fasciata</i> ).....		
84. American Robin ( <i>Turdus migratorius</i> ).....		
85. Slate coloured Snow Bird ( <i>Junco hiemalis</i> ).....		
86. Spotted Sand Piper ( <i>Actitis macularia</i> ).....		
87. Meadow Lark ( <i>Sturnella magna</i> ).....		
88. Kingfisher ( <i>Ceryle Aleyon</i> ).....		
89. Yellow Crowned Warbler ( <i>Dendroeca coronata</i> ).....		
90. Summer Yellow Bird ( <i>Dendroeca aestiva</i> ).....		
91. White Throated Sparrow ( <i>Zonotrichia alba</i> ).....		
92. Humming Bird ( <i>Trochilus Colubris</i> ).....		
93. King Bird ( <i>Tyrannus Carolinensis</i> ).....		
94. Bobolink ( <i>Dolychonyx oryzivorus</i> ).....		
95. American Gold Finch ( <i>Spinus tristis</i> ).....		
96. American Redstart ( <i>Setophaga ruticilla</i> ).....		
97. Cedar Waxwing ( <i>Ampelis cedrorum</i> ).....		
98. Night Hawk ( <i>Chordeiles Virginianus</i> ).....		
99. Piping of Frogs.....		
100. Appearance of Snakes.....		

(OTHER OBSERVATIONS AND REMARKS.)

LIST OF SCHOOLS REPORTING LOCAL PHENOLOGICAL OBSERVATIONS FOR THE YEAR ENDED JULY, 1903.

REGION 1.

REGION 1—Continued.

YARMOUTH AND DIGBY COUNTIES.

Section.	Teacher.	No. of Observations.	Section.	Teacher.	No. of Observations.
(a) Coast.			West Kemptville.	Agnes Moses . . . . .	58
Sand Beach . . . . .	Violet E. Palmer . . . . .	76	Cross Road . . . . .	Margaret M. Harris . . . . .	69
Rockville . . . . .	Mary L. Weston . . . . .	122	South Range East.	Pearl F. Messinger . . . . .	48
M. Tusket Wedge . . . . .	M. A. Pothier . . . . .	58	North Range . . . . .	Maud Mussells . . . . .	105
Up. Tusket Wedge . . . . .	Adeline C. Pothier . . . . .	112	Southville . . . . .	Bertha M. Hines . . . . .	43
Pembroke . . . . .	T. D. H. McAlpine . . . . .	93	Weymouth Bridge.	A. H. Armstrong . . . . .	90
Pubnico Head . . . . .	{ Nora G. Hines } { M. C. Wilson }	100	Thibault . . . . .	Grace B. Walsh . . . . .	112
Argyle Harbor . . . . .	Annie Etherington . . . . .	116	REGION 2.		
Pinckney's Point . . . . .	L. L. Duncanson . . . . .	37	SHELBURNE, QUEENS AND LUNENBURG COUNTIES.		
Lower W. Pubnico . . . . .	M. A. D'Entremont . . . . .	85	(a) Coast.		
Upper W. Pubnico . . . . .	Mary V. Allen . . . . .	91	Getson's Cove . . . . .	Myra Manning . . . . .	64
Middle E. Pubnico . . . . .	{ M. H. Elmwood } { L. H. Hopkins }	112	Lower LaHave . . . . .	Helen M. Kautbach . . . . .	87
East Pubnico . . . . .	C. W. Wyman . . . . .	70	Pine Plain . . . . .	Ethel Mills . . . . .	94
Glenwood . . . . .	Genie A. Baker . . . . .	92	Martin's River . . . . .	Bessie Eisenhauer . . . . .	76
Comeau's Hill . . . . .		111	West Dublin . . . . .	Naomi F. Herman . . . . .	91
Smith's Cove . . . . .	J. W. Mortimer . . . . .	78	New Dublin . . . . .	Ada A. Smith . . . . .	64
Rosway . . . . .	J. A. Clark . . . . .	75	Second Peninsula, 4	Nora E. Shoop . . . . .	116
Port Gilbert . . . . .	J. Alvery Adams . . . . .	63	Ritchey's Cove . . . . .	Alice L. Cushing . . . . .	70
Fort Point . . . . .	Clara I. Rumsey . . . . .	78	Bayswater . . . . .	Elsie M. Dauphinee . . . . .	94
Weymouth . . . . .	W. E. Banks . . . . .	38	East Chester . . . . .	Vera M. Smith . . . . .	78
Grosses Coques . . . . .	{ E. M. LeBlanc } { L. Belliveau }	106	Garden Lots . . . . .	Ethel A. Scott . . . . .	61
East Ferry . . . . .	Edith A. Brooks . . . . .	122	Corkum's Island . . . . .	Mary Bowes . . . . .	191
Cape St. Mary . . . . .	Sophia M. Taylor . . . . .	87	Eastern Points . . . . .	Annie E. Loness . . . . .	11
Beaver River . . . . .	Carrie E. Vroom . . . . .	115	Lunenburg . . . . .	F. C. Hewett . . . . .	141
(b) Low Inlands.			Lower Rose Bay . . . . .	Eldridge C. Herman . . . . .	49
Argyle Head . . . . .		45	Broad Cove . . . . .	Florrie E. Birchard . . . . .	142
Wellington . . . . .		94	Dublin Shore . . . . .	Josie E. Weagle . . . . .	113
Springhaven . . . . .		74	Indian Point . . . . .	A. E. Hyson . . . . .	110
Argyle . . . . .	May B. Jeffrey . . . . .	87	Deep Cove . . . . .	Florence Grant . . . . .	47
Central Cheboque . . . . .	Maria J. G. Purey . . . . .	109	Black Rock . . . . .	Flora Inglis . . . . .	67
Ohio . . . . .	Winifred Moses . . . . .	60	Lower Kingsbury . . . . .	Annie Keddy . . . . .	42
Pleasant Valley . . . . .	Laleah E. Killiam . . . . .	53	Little Tancook . . . . .	Alice L. Mossman . . . . .	81
Brazil Lake . . . . .	Mary McL. Brown . . . . .	58	Tancook . . . . .	Eta M. Zinck . . . . .	78
Plymouth . . . . .	Lennie S. Purdy . . . . .	78	Bill's Island . . . . .	Rachel D. DeLong . . . . .	107
Brooklyn . . . . .	Elizabeth Wyman . . . . .	154	First South . . . . .	Carrie E. Morash . . . . .	43
Hassett . . . . .	Blanche G. Hicks . . . . .	89	Second Peninsula . . . . .	Ella West . . . . .	61
(c) High Inlands.			Port Medway . . . . .	L. C. Manthorne . . . . .	105
E. Quinan . . . . .	Minnie T. Jordan . . . . .	33	Port Mouton Island.	H. J. Purney . . . . .	92
Lake Annis . . . . .	M. Ellis Lynch . . . . .	102	E. Port Medway . . . . .	Jessie M. Vogler . . . . .	100
North Kemptville . . . . .	Aimee D. Baker . . . . .	106	Port Joli . . . . .	Agnes M. Swanburg . . . . .	107
Forest Glen . . . . .	Rhoda Mullen . . . . .	75	Hunt's Point . . . . .	Annie Zwicker . . . . .	131
Centre Kempt . . . . .	Bertha Ellenwood . . . . .	82	Gull Island . . . . .	Mollie Ford . . . . .	69
			Western Head . . . . .	Robina E. Parke . . . . .	80
			Beach Meadows . . . . .	Sadie Chandler . . . . .	79

REGION 2—Continued.

REGION 2—Continued.

Section.	Teacher.	No. of Observations.	Section.	Teacher.	No. of Observations.
West Head.....	Jessie E. Whitmore	98	North River.....	Isabel Chesley	71
Rockland.....	Bernice Clarke	49	West Northfield.....	Jessie Chesley	63
North East Harbor.....	Ethel M. Thorburn	92	Lower Northfield.....	Nellie Lohnes	116
East Green Harbor.....	Henry H. West	81	Maitland.....	Luella Barry	98
Hubbard's Brook.....	Margaret Martin	127	M. New Cornwall.....		109
Lower Sand Point.....	B. M. Thorburne	90	Upper Northfield.....	Etta M. Palmer	81
Black Point.....	Charles E. Decker	143	Upper Woodstock.....	Minnie Veinot	14
Little Harbor.....	Mabel Taylor	58	Simpson's Ohio.....	Estella H. Morley	133
Louis Head.....	Minnie B. Thorburn	70	U. New Cornwall.....	Maude N. Freeman	122
Stony Island.....	Marjorie C. Smith	44	Nineveh.....	Lida Publicover	133
Stony Island.....	Estelle M. Smith	103	Pine Grove.....	Adelaide S. Mulock	85
Matthew's Point.....	E. Gertrude Froude	101	Maplewood.....	Allie B. Smith	77
Blanche.....	Annie McInnis	96	Haniston.....	L. L. DeAdder	105
Charlottesville.....	Garnet W. Hogg	77	Lapland.....	Effie M. Rodenizer	67
Jordan Bay.....	Pearle McK. Black	75			

(b) Low Inlands.

Midville.....	Rebecca Langille	87
Hebb's Mills.....	H. G. Feindel	79
Conquerall Mills.....	W. C. Christopher	105
Middleton.....	Margaret Croft	51
New Canada.....	Nora Feener	51
New Italy.....	Stella Bolivar	81
West Conquerall.....	Rebecca Ramey	138

Greenfield.....	Jessie E. Freeman	110
Buckfield.....	Florence E. Hebb	94
Bangs Falls.....	Estella Gardner	98

Upper West Jordan.....	Evelyn S. Kean	109
Middle Ohio.....	Effie M. MacKay	97
Lower Ohio.....	Adeline Findal	28
Oak Park.....	Marie Cunningham	162
Hamilton.....	Florence McGowan	80
Jordan Falls.....	Charlotte S. Allen	117
Shelburne.....	{ E. R. Kyle } { E. McAlpine }	118

(c) High Inlands.

Lakefield.....	Elizabeth A. Fancey	52
Waterloo.....	Lottie R. Haughn	91
Stanley.....	Theresa I. Feindell	62
Parkdale.....	E. M. Lohnes	79
North West.....	M. Cossmann	48
Big Lots.....	Flora M. Bruhm	62
Mt. Pleasant.....	Annie J. Forbes	90
Centreville.....	Kate Allison Lewis	77
Lakeville.....	Lillian M. Adams	131
New Cumberland.....	Clara Fitch	107
Fancy's.....	Jessie Godfrey	114
Blockhouse.....	Jennie M. Smeltzer	127
Mill Road.....	Jessie Lockhart	53

Westfield.....	Lina M. Patterson	26
Hibernia.....	Ada G. Freeman	99
Pleasant River.....	B. I. Broome	118
North Brookfield.....	{ L. May Sproule } { Ada Horton }	51
Devonshire.....	Rose L. Boyle	96
Molega.....	Belva E. Richardson	104
Middledale.....	Allie B. Smith	131
Harmony.....	Susie West	93
Caledonia Corner.....	E. S. Cushing	65
South Brookfield.....	Mary E. Freeman	129
West Caledonia.....	Mae G. Boyle	118
Central Caledonia.....	Lydia A. Dolliver	147

Upper Clyde.....	Nettie MacKay	74
Middle Clyde.....	Isabelle Lamrock	96
Upper Ohio.....	Sadie B. Jones	76

REGION 3.

ANNAPOLIS AND KINGS COUNTIES.

(a) South Mountains.

Greenfield.....	Jeanie White	45
Black River.....	Gertrude Long	106
Davidson Street.....	Robert Dorman	42
Canaan.....	Florrie A. Hiltz	103
Halfway River.....	Norma C. Etter	73
Lake Paul.....	K. E. Charlton	85

Greenland.....	Gertrude M. Clarke	124
Prince Dale.....	A. F. Cossaboom	38
Landsdowne.....	Lizzie M. Simpson	103
Maitland.....	Linda Best	122
Cherryfield.....	Ethel L. Wright	129
South Mountain.....	Sadie B. Chesley	64
Falkand Ridge.....	Carrie M. Hall	177
Stoddartsville.....	Estella M. Hunt	236

REGION 3—Continued.

REGION 4—Continued.

Section.	Teacher.	No. of Observations.	Section.	Teacher.	No. of Observations.
Durling's Lake	Fannie Woodland	111	Milford	Eva Cook	72
Inglisville	Cassie S. Whitman	93	Enfield	Lillie Horne	98
Morse Road	Alice B. Gillis	101	Kennetcook Dyke	Myrtille E. Barteaux	37
Dalhousie West	Eliza A. Gillis	132	Shubenacadie	( Ethel W. Porter )	90
Perott	M. F. Fitz-Randolph	101		( Ethel E. Dill )	
Northfield	Nina Freeman	133	Cogmagun	Ethel M. Foley	83
Lake May	Emily A. Rowter	87	New Dublin	Hannah L. Cottle	102
			Kennetcook Church	Jessie McWilliam	36
			Summerville	Mattie V. Sanford	31
			Burlington	Minnie G. W. Foley	80
			Elmsdale		58
			Mount Pleasant	Margaret E. Auld	117
			Burlington	Ethel M. Messervey	93
			Mount Pleasant	Etta MacDonald	98
			Hardwood Land	Mary E. Horne	152

(b) Low Inlands.

New Minas	M. Mildred Gammon	102
Dempsey Corner	W. R. Barss	48
Greenwood School	Minnie M. Lee	99
Greenwich	Minerva Gammon	104
Lower Wolfville	Florence E. Johnson	145
Annapolis Valley	Jennie Welton	39
Waterville	Abbie J. Marchant	86
North Mountain	Annie B. Fales	58

South Farmington	Eunice R. Walton	112
West Brooklyn	Edna Durling	81
Karsdale	Kittie C. Roney	83
Moschelle	Mary L. Gilliat	98

(d) North Mountains.

St. Croix	Effie S. M. Brinton	111
Victoria Beach	Alice M. Henry	23
Douglas	Lilla B. Balsler	67

Scott's Bay Road	Ellen B. Hanna	112
Harborville	J. A. M. Brennan	77

REGION 4.

HANTS AND COLCHESTER COUNTIES.

(a) Coast.

Burncoat	Edna G. Reynolds	112
Windsor	Antoinette M. Forbes	50
Brookville	Katie E. O'Brien	62
Whale Creek	Bessie M. Fulmore	97
East Tenecape	Mary E. Card	106
Morse Brook	Viva Nelson	75
Cambridge	Alice B. Parker	56
Cheverie	Cora A. M. Lake	79
Pembroke	Janie L. Skaling	92
Belmont	Ruth Peppard	124

(b) Low Inlands.

Newport Road	Jessie A. Lynch	58
MacKay	Annie L. Sterling	85

Coldstream	Gertrude Logan	115
Green's Creek	Hattie B. Fulton	59
North River	Eldora Fulton	69
Shubenacadie		68
Staples Brook	Lizzie J. Roode	64
Valley	Sadie J. Gordon	106
Green Dale		79
Brookfield	M. E. Banks	96
Truro	J. E. Barteaux	68

(c) High Inlands.

Upper Rawdon	Mary L. Parker	72
South Uniacke	Annie E. Sweet	61
Mill Brook	Janie L. O'Brien	91
Waterville	Ruth D. Mosher	135
Mt. Uniacke Mines	Mary E. Sibley	131
Greenfield	Maud S. Crowell	156
Lower Selma	Nellie S. Cox	108
East Noel Road	L. B. Campbell	66
Pleasant Valley	M. L. Withrow	155
North Salem	Annie H. Roode	40
Georgefield	Mildred Hamilton	90

McCallum Settlement	Jeanetta M. Douglas	65
South Branch	Edna M. Fisher	109
U. Pleasant Valley	Jessie Dickey	92
L. Pictou Road	Kate A. Hamilton	103
Lanesville	Janet C. Sutherland	106
Otter Brook	Hannah Logan	110
U. North River	Tena M. McKim	51
Nutby	Jessie B. Ferguson	78
Smithfield	C. C. McCallum	74
Meadowvale	Hattie M. Sibley	67
Cross Roads	Janet Gammell	78
Harmony	Martha B. Murray	89
Old Barns	Edna Mosher	87
Burnside	Stella Bates	158
Dartville	Susan E. Colter	90

REGION 5

REGION 5—Continued.

Section.	Teacher.	No. of Observations.	Section.	Teacher.	No. of Observations.
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REGION 5.

HALIFAX AND GUYSBORO COUNTIES.

(a) Coast.

Victoria	Jane R. Cox	90
Glen Margaret	Winifred M. Fraser	97
South East Passage	Ellen D. Ross	40
Cow Bay		66
L. E. Chezzetcook	Ethel Conrad	102
Shad Bay	Ellen Gunn	104
Pennant		64
Grand Desert	Eleanor Jackson	91
"	Daisy Sheehan	74
Upper Prospect	Sister Mary	91
Peggy's Cove	Laurie Browne	84
E. Petpeswick Har.	Jessie L. Chisholm	89
L. E. Ship Harbor	Mary MacGillivray	93
Pleasant Harbor	Fred A. Cox	63
Spry Harbor		112
Owl's Head	Mary Soy	28
Clam Harbor	Susie MacDonald	37

Riverside	Esther Morgan	76
Larry's River West	A. McPherson	42
Oyster Ponds	Sarah Bruce	90
Middle Melford	Daisy Mattatall	95
South Intervale	A. MacGillivray	91
Marie Joseph	Laura Suttis	58
Liscomb Mills	Hannah Pye	81
Riverside		87
Spanish Ship Bay	Nettie J. Hartling	63

(b) Low Inlands.

Hammonds Plains	F. M. Richardson	47
Musquodoboit Har.	Mattie A. Sibley	49
Dutch Settlement	Elsie G. Higgins	131
Oakfield	Carrie F. Crowe	95
Oldham	Louise Borne	102
Moose River Mines.	Mary L. Cooke	44
Cole Harbor	Ethel Corkum	83
Taylor	M. Edna Ervin	45
Dean	Ethel Fisher	108
South Beaver Bank	Ethel M. Hiltz	105
Dufferin Mines		53
Sedgewick	Laura Annand	194
North West Arm	Mary I. Thompson	106
Landells	Georgie C. Cook	66
Grand Lake	Teresa B. Carson	84
Glenmore	Janie B. Bell	78
Kemptown	Eva M. Blakeney	179
East River	Mabel E. Hall	124
Lower Sackville		100

Stillwater	Blanche Macdonald	136
Roach Vale	Eva Dillon	133
Indian Harbor Lake	Lottie G. Cornealy	81
North Intervale	E. May Ross	120

(c) High Inlands.

Aspen	Tohn T Archibald	105
Smithfield	Minnie Sutherland	70
Upper Caledonia	James B Hattie	49
South Lochaber	J. D. Hattie	81
Goshen	M. Louise Fraser	91
Union	M. S. Macintosh	225

REGION 6.

COBEQUID SLOPE (TO THE SOUTH.)

(a) Coast.

Folly Village	James Ellis	31
Portaupique	Amelia Creelman	70
Montrose	Emma Davidson	116
Upper Economy	Anna M. Fulton	109
Central Economy	Jennie M. Uquhart	115
Lower Economy	Clara Beattie	42
Lower Five Islands	Nellie B. Lyons	104
East River	Ida E. Tanner	124
Black Rock	Dora B. Smith	55
Brookville	Lizzie MacNutt	86
Cape d'Or Advocate	Jennie I. Williston	100

(b) Low Inlands.

DeBert Village	Eva MacCully	108
East Halfway River	Elva P. Soley	240
West	Ethel M. Boomer	63

(c) High Inlands.

Folly Lake	E. M. MacLauchlan	54
East Folly Mount'n	J. Violet Craig	123
East Village	S. D. Fulton	74
Westchester Lake	Ida E. Johnson	76
Rushton's	Linda J. Johnson	47
Pleasant Hills	Alice L. Thompson	59
Portaupique Mtn.	Susie M. Robertson	64
Lynn	Ina Kirkpatrick	90
New Canaan	Elva Smith	96

REGION 7.

REGION 7—Continued.

Section.	Teacher.	No. of Observations.	Section.	Teacher.	No. of Observations.
REGION 7.			Wentworth Grant.	Lizzie M. Cameron.	159
NORTHUMBERLAND STRAIT SHORE (TO THE NORTH.)			West Branch.....	Catherine Baillie ..	116
			Welsford .....	Georg'a Sutherland ..	61
(a) Coast.			Meadowville .....	Ellen E. MacBain ..	66
			Pine Tree .....	Mary M. Cameron ..	125
			Black River .....	Annie C. McRay ..	96
			Louisville .....	Mabel Tattrie .....	37
Brule .....	Alice M Fraser .....	100	Lake Road.....	Anna M. Reid .....	119
Tarbet .....	M. Agnes Malcom ..	70	Head Wallace Bay.	Susie Simpson .....	78
Point Brule .....	Martha C. Urquhart ..	85	Six Mile Road .....	Elsie MacIntosh .....	82
Forest .....	E. M. Landress.....	83	Streets' Ridge .....	Mary MacPhee.....	77
Middleton .....	E. J. Murray .....	67	North Middleton ..	{ Mabel Bigney } { Josie McKim } .....	105
Tatamagouche Bay	Nellie Cunningham..	95	Henderson Sett'lmt	A. Blanche Bigney ..	137
Wallace .....	Eliza G. Charman ..	71	Mount Pleasant ..	Ida M. King .....	137
Upper Gulf Shore..	Ethel A. Brown .....	58	Upper Linden .....	Mary J. Finley.....	99
Upper Malagash ..	M. I. MacKenzie .....	57	Lower Mt. Pleasant	William A. Dobson ..	89
Slades .....	Maggie M. Heughen ..	54	Beekwith .....	Minnie Weir .....	103
State Road.....	Carrie M. Baker .....	142	East Little River ..	Annie L. Dixon.....	160
Malagash Point....	Estella J. McInnes..	135	West Leceister .....	Kathleen B. Currie ..	84
East Wallace .....	Ethel J. Cummings ..	92	River Philip .....	Edna C. Baird .....	83
Fox Harbour .....	Jane McEhren .....	89	Mansfield .....	Ruth Trerice .....	71
North Shore .....	E. J. MacKenzie .....	106	Roslin .....	M. E. Thompson .....	63
Tidnish Bridge....	Sarah Embree .....	100	Lower Lindin .....	Jennie Mitchell .....	91
Amherst Point .....	Kathrine F. Ross .....	88	East Earltown .....	Marion A. MacKay ..	87
Lower Maccan .....	Georgiana Macleod ..	97	Denmark .....	Laura Cameron .....	136
Joggin Mines.....	W. M. Aymar .....	67	Keble .....	Gertrude Forbes .....	92
Shulee.....	Flora M. Morse.....	54	Waugh's .....	Annie M. Cameron ..	131
Toney River .....	Marion Elliott .....	72	Murphy's .....	Jessie Ross .....	59
Lower Barney's Riv	A. C. McDonald .....	82	Mill Brook.....	Marg'rt McConnell ..	151
Three Brooks .....	Ethel I. Mackenzie..	117	Wilson's .....	Nancy Nelson .....	82
Waterside .....	Jessie M. Matheson ..	125	Byers' .....	Ina L. Smith .....	103
Carriboo River .....	Ella D. Arbuckle .....	116	New Truro Road ..	Winifred Barclay ..	145
Little Harbor .....	Annie F. Jackson .....	87	Lower Shinimicas ..	Lucy R. Anderson ..	142
Low. Little Harbor	Elizabeth Laurie .....	106	Head of Amherst ..	Martin M. Patterson ..	96
Cheverie Harbor ..	Sarah C. Ross .....	41	South Victoria .....	Jennie Thompson .....	96
Seafoam .....	Margaret Gray .....	73	North Greenville ..	Cynthia A. Chisholm ..	115
Granton .....	Ada S. MacDonald .....	136	West Hansford .....	Ida M. Chisholm .....	137
West Merigomish ..	Florence S Tuttle .....	51	Collingwood .....	Nellie Colburne .....	262
S. S. Cape George ..	Ethel McEachren .....	88	Salem .....	Florence Carter .....	53
Cape Jack .....	Anna McKeough .....	78	River Philip Centre	Laura Webb .....	57
Linwood .....	Maggie McLean .....	62	East Leicester .....	Mary Spencer .....	48
Havre au Bouche ..	Sister Mary Anne .....	96	Williamsdale East.	Elsie F. Caldwell .....	77
E. Hav. au Bouche.	Marie E. Landrie .....	80	Glenville .....	Bertha A. Davison ..	58
(b) Low Inlands.			South Valley Road ..	Annie L. Siddall .....	130
Pleasant Valley ..	{ C. J. McDonald .....	93	Truemanville.....	Sara Patterson .....	69
Heatherton .....	{ Marion Grant .....	72	Warren .....	Oressa McKinley .....	60
	{ M. C. McDonald .....		Fort Lawrence .....	Ida Barnhill .....	86
Antigonish.....	M. M. Creelman .....	106	Lower River Hebert	W. M. G. Lavers .....	92
			Athol .....	Bertha Purdy .....	100
			Little Forks .....	Elva M. Dixon .....	129
			Springhill Junction	Maude Brenton.....	93

REGION 7—Continued.

REGION 9—Continued.

Section.	Teacher.	No. of Observations.	Section.	Teacher.	No. of Observations.
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(c) High Inlands.

Argyle .....	Jennie B. Sinclair .....	64
Mayfield .....	Mary A. Chisholm .....	80
Lochaber .....	M. L. McDonald .....	34
Upper Glen Road .....	W. J. Chisholm .....	210

Saltsprings .....	F. C. Matheson .....	193
Springville .....	Julia Grant .....	113
Blanchard Road .....	Florence McLeod .....	96
Marsh B. R. ....	Isabelle J. MacLeod .....	71
Mill Brook .....	Anna MacKenzie .....	97
Mountain Road .....	J. B. Murdock .....	96
Cross Roads .....	A. E. McMillan .....	89
Upper Mt. Thom. ....	L. E. Barnhill .....	77
Six Mile Brook .....	Estelle Creelman .....	84
French River .....	Lottie M. McLaren .....	235
Roger's Hill Centre .....	Nettie B. Young .....	107
Smithfield .....	Christina E. Meikle .....	71
Moose River .....	Rachel Cameron .....	72
Barney's Riv. Stat'n .....	Ida M. Smith .....	103
New Gairloch .....	Grace MacLellan .....	124
Glencoe .....	Alex W. Robertson .....	106
Kenzieville .....	Janet Cairns .....	132
Beech Hill .....	Kenneth G. McKay .....	66
South Dalhousie .....	E. C. E. Langill .....	78
Marshdale .....	Annie C. Crockett .....	61
Island East River .....	Ada Grant .....	146
Brookland .....	Jessie Davies .....	120
Eureka .....	Ada K. McKinnon .....	86
Glenarry .....	Kathleen A. McLeod .....	99

MacDougall .....	James S. Layton .....	74
Lockside .....	Sarah C. White .....	81
Tramboise .....	D. A. McKillop .....	76

(c) High Inlands.

Head East Bay .....	Dan J. McIsaac .....	118
Enon .....	.....	60
New Boston .....	Winnie M. Weaver .....	48
New Dominion .....	Margaret McInnes .....	54
Long Island Main .....	Annie Carmichael .....	80
North West Arm .....	.....	44
Hureauville .....	Cassie J. Grant .....	128
West Loch Lomond .....	Kattie McDougall .....	67
Loch Lomond .....	Alex G. Baillie .....	64

REGION 9.

BRAS D'OR SLOPE (TO SOUTH EAST.)

(a) Coast.

French River .....	James A. McKay .....	64
West Ingonish .....	.....	21
Inlet .....	Jennie C. Lowden .....	94
Princeville .....	W. C. McInnes .....	251

(c) High Inlands.

Hume's River .....	Ivy M. McLean .....	88
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REGION 10.

INVERNESS SLOPE (TO GULF N. W.)

(a) Coast.

Walker .....	S. A. McDonald .....	53
Eastern Harbour .....	Thomas Gallant .....	53
Big River .....	Christy A. Gillis .....	56
Mabou .....	Jeanetta R. McLeod .....	77
Mabou Harbour .....	Edyth C. Doyle .....	60
Russeau-du-Lac .....	Peter Chiasson, Jr. ....	101
Port Hood .....	Gertrude R. Hart .....	45
Ford .....	E. E. Tompkins .....	60
Albion .....	Mary B. McMaster .....	59

(b) Low Inlands.

Kingsville .....	Percy C. Willmot .....	91
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(c) High Inlands.

Big Brook .....	Ida Tompkins .....	92
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REGION 8.

RICHMOND AND CAPE BRETON COUNTIES.

(a) Coast.

Earlton Village .....	Arabella Taylor .....	104
West Earlton .....	Jessie C. McKay .....	117
Tatamagouche Mtn .....	Jane Ferguson .....	62
West Branch .....	Bessie J. Sulis .....	57
South Brook .....	Sadie Swan .....	118
East Mapleton .....	Jessie M. MacLeod .....	69
Mapleton .....	Mabel E. Sproule .....	92

(b) Low Inlands.

South Bar .....	Nellie J. McKay .....	60
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## REPORT OF C. B. ROBINSON, B. A., ON PHENOLOGICAL SCHEDULES OF REGION 7.

(Pictou and Antigonish Counties) year ended July, 1902.

A. H. MACKAY, ESQ., LL. D.,

Superintendent of Education,

DEAR SIR:—It is very gratifying to be able to report that the schedules show a very decided improvement over those of previous years, except in one or two points, to be hereinafter noted.

It has saved the compiler a great deal of tedious labour to find that nearly all observers have entered the day of the year instead of that of the month. Moreover, the lists usually are extremely neat. Some curious errors have, however, occasionally arisen in copying figures. Thus, I would explain the following: Strawberry, flower, 171; ripe fruit, 145; the flower being the date of fruiting, the latter belonging to the next number on the list, while the flowering of the strawberry is not recorded. There are a few similar cases.

Much worthy of careful attention has already been written on "becoming common," but I may be pardoned a few additional remarks. If these lists are to have any value they must be as accurate as possible, they can at least be true records as far as they go. Very early dates, it may be added, do not prejudice the compiler in favour of the observer, but very much the reverse. Now if some plant when first seen in flower is already so abundant as to fall also under the description "becoming common," the fact is capable of more than one explanation. The species chosen for special notice are in most cases so widely distributed that the most natural conclusion would be that the plant had been very imperfectly observed, but this would not always be true. A warm shower followed by bright sunshine, especially after some days of backward weather, might well accomplish such a result, as I have sometimes noticed, particularly with the Dandelion and Gold Thread. Again, some species may be represented in a section by an isolated group of plants, which may not be found until flowering is well advanced.

In any of these cases I cannot see what else can be done than to put down the date of observation under both "first seen" and "becoming common." It must not be dated back, though there can be no possible objection to a statement that it had apparently been in bloom for some time. It is not unlikely that many of the gaps in our lists occur through reports of this kind being deliberately omitted for fear that they are too late. They should, in my opinion, be recorded, and the burden of sifting out the misleading dates placed upon the compiler.

The Buttercup notably, and some other plants to a less extent, frequently produce "sports," one or two flowers being often long before the true time of first flowering. Such dates I have tried to exclude, even when as in the case cited, I have no doubt that they were correct.

Two other sets of errors, which may be associated with the names Star Flower and Lambkill, call as usual for very special attention.

No less than 19 persons in Pictou and Antigonish give dates for the flower which clearly belong to the Gold Thread, and an occasional list has the opposite mistake.

*Kalmia* statistics are as follows:

*K. glauca* is reported from 9 sections, 2 are right, 1 doubtful, 6 *Rhodora*.

*K. angustifolia* is reported from 23 sections, exclusive of the High Inlands belt of Antigonish; 3 are right, 1 right but two months too late, mixed ("becoming common" correct, but "first seen" wrong), 1 doubtful, 17 are *Rhodora*. From the region named only 3 schedules were sent in, all reported *K. angustifolia*, all were correct. (They were also worthy of high praise on other grounds).

These figures call for a little plain speaking, because some of them have been entered by teachers who have read what has been so often repeated in the JOURNAL, but who know better. Impossible as the mistake is to anyone who will take pains to go over the description, it is almost difficult to convince many people that *Rhodora* is not Lambkill. At the best it is, "just another kind of Lambkill," or, "No, that is not Lambkill, but Laurel." Either name is wrong for *Rhodora*, nor should it be called *Rhododendron* as a popular name.

The Star Flower errors are generally children's blunders, so much so that it will be well to make a rule that no date shall be entered for this or any other species which can possibly be mistaken unless the specimen is actually brought to the school. Even if the child who makes the report is known to be trustworthy, there may be many in the class to whom the plant is unknown.

*Clintonia* is common in suitable situations everywhere, and is surprisingly little known. It is occasionally reported for *Erythronium*. The latter is known as Cowslip in some parts of the province, and reported as such.



The Horsetails are also not recognized, and the dates given are usually much too late. It is just the opposite with Red Maple, which is often reported long before the flowers were open.

Calla is hardly reported at all, though my experience is that it is by no means rare. The Pitcher Plant is scarcer, unfortunately, but not nearly to the extent indicated by its absence from the reports.

Those who put down "Pussy Willow" as *Epilobium* (2 in this set), might ponder over the definition of herb.

There is reason to believe that the following have been confused with one another :

(1) *Trillium erythrocarpum* with *T. cernuum*, and perhaps *T. erectum*.

(2) *Rubus strigosus* with *R. triflorus* and *R. villosus* with *R. canadensis*. In this there is a great improvement over last year.

(3) The Wild Cherry and Indian Pear may occasionally be mixed. The latter is common.

(4) The Hawthorns, planted as hedges, are with very rare exceptions, the introduced plant, and should be called "English hawthorn—*Crataegus oxyacantha*." At Pictou in complete opposition to the facts, this name has been applied to the native species, and in consequence many who have not looked up the descriptions have called the cultivated plants *C. coccinea*. The distribution of the native species is not yet known, but *C. coccinea* is likely found all over the province, blooms early, has about 10 stamens with cream coloured anthers, 3-5 styles, and glossy leaves.

Two common mistakes which are beginning to creep into additional reports are Wild *Hydrangea* for *Viburnum Cantanoides* (also wrongly called Dog Wood), and Caraway, which is itself common, for Yarrow.

The farming and meteorological figures are evidently very accurately given. Yet there is a report of snow on Aug. 20th, a very warm day throughout the province.

The birds, here as elsewhere, are not known. Geese, ducks, robins, humming birds, song sparrows, and yellow birds were exceptions, but nearly all dates show wide limits of variation, reaching 140 days in the king bird, and rarely falling under 50.

These errors cannot fairly be censured, as they are often made in spite of keen interest, and are attributable solely to the absence of opportunities of learning the true names. It is difficult too, to suggest any remedy, but might it not be possible to induce some competent ornithologist to compile descriptions of the birds named in the schedule and perhaps a few others, and have these printed in the *JOURNAL* or Educational Review, with cuts if procurable, and with such hints as to time of migration as would guard observers against the grosser errors?

C. B. ROBINSON.

Pictou, May 18th, 1903.

Mr. C. B. Robinson is now in New York, where he holds a position in the New York Botanical Gardens, Bronx Park, while further pursuing his studies at the University of Columbia.

The Nova Scotian Phenological Observations are the most complete and exact scientific observations of the kind conducted in any country. The schedules are bound in an annual volume; and the summaries for each region compiled by our staff of volunteer botanists and phenologists are also carefully preserved and bound in annual volumes for preservation and ease of reference.

All schools and teachers, therefore, which prepare creditable schedules, can have the satisfaction of knowing that the schedules with their names and work, will go down to posterity in good form, reflecting more credit upon them as the revolving years add value to the observations.

What is worth the doing, therefore, is worth doing well—particularly in this department. The Meteorological Department of Canada has commenced to utilize the observations, which have already attracted attention widely in foreign countries.

# MEMORANDUM.

## The Rhodes Scholarships in Canada.

The Trustees of the Will of the late Mr. C. J. Rhodes have prepared the following Memorandum for the information of College Authorities and intending candidates for Scholarships in Canada.

The first election of scholars in Canada under the Rhodes bequest will be made between February and May, 1904. The elected scholars will commence residence in October, 1904. A qualifying examination will be held within this period in each province, or at centres which can be easily reached. This examination is not competitive, but is intended to give assurance that all candidates are fully qualified to enter on a course of study at Oxford University.

It will therefore be based on the requirements for Responsions—the first public examination exacted by the university from each candidate for a degree.

The Rhodes scholars will be selected from candidates who have successfully passed this preliminary examination. One scholar will be chosen for each province to which scholarships are assigned.

The requirements of the Responsions examination, as stated in the statutes of the University of Oxford, are as follows :—

Candidates must offer the following :—

- (1) Arithmetic—the whole.<sup>1</sup>
- (2) *Either* Algebra.

Addition, Subtraction, Multiplication, Division, Greatest Common Measure, Least Common Multiple, Fractions, Extraction of Square Root, Simple Equations containing one or two unknown quantities, and problems producing such equations.

*Or* Geometry.

Euclid's Elements, Book I, 112. Euclid's axioms will be required, and no proof of any proposition will be admitted which assumes the proof of anything not proved in preceding propositions of Euclid.

- (3) Greek and Latin Grammar.
- (4) Translation from English into Latin prose.
- (5) Greek and Latin authors.

Candidates must offer two books, one Greek and one Latin, or Unseen Translation.—The following portions of the under-mentioned authors will be accepted :—

DEMOSTHENES : (1) Philippics 1-3, and Olynthiacs 1-3 or (2) De Corona.

EURIPIDES, any two of the following plays : Hecuba, Medea, Alcestis, Bacchae.

HOMER (1) Iliad 1-5 or 2-6; (2) Odyssey 1-5, or 2-6.

PLATO, Apology and Crito.

SOPHOCLES, Antigone and Ajax.

XENOPHON, Anabasis 1-4 or 2-5.

CAESAR, De Bello Gallico 1-4.

CICERO : (1) the first two Philippic Orations ; or (2) the four Catiline Orations, and In Verrem, Act 1 ; or (3) the Orations Pro Murena and Pro Lege Manilia ; or (4) the treatises De Senectute and De Amicitia.

HORACE : (1) Odes 1-4 ; or (2) Satires ; or (3) Epistles.

LIVY, Books 21 and 22. (After Michaelmas, 1903, Books V. and VI.)

VIRGIL : (1) the Bucolics, with Books 1-3 of the Aeneid ; or (2) the Georgics ; or (3) the Aeneid, Books 1-5, or 2-6.

<sup>1</sup> Candidates are expected to be able to do correctly sums in Vulgar and Decimal Fractions, Proportion and its applications, Interest (Simple and Compound), Square Measure and Square Root.

<sup>2</sup> Candidates should be careful to answer questions in both books.

Papers covering this range of study will be prepared by examiners appointed by the Trustees, and will be sent to each centre, where, at a date publicly announced, the examination will be held under proper supervision, and the papers returned to the examiners.

A list of those who have successfully passed this test will soon as possible be furnished to the chairman of the committee of selection in each province, or to the university making the appointment, and from this list the committee or university will proceed to elect the Scholars.

The committees and the universities making appointments will be furnished with a statement of the qualifications which Mr. Rhodes desired in the holders of his scholarships, and they will be asked in exercising their right of selection to comply as nearly as circumstances will permit with the spirit of the testator's wishes.

They will also be asked to furnish to the Trustees as full a statement as possible of the school and college career of each elected scholar, with the special grounds of his appointment together with suggestions, if desired, as to the course of study for which he is best fitted.

It has been decided that all scholars shall have reached at least the end of their Sophomore or second year work at some recognised degree-granting university or college of Canada.

Scholars must be unmarried, must be British citizens, and must be between nineteen and twenty-five years of age.

Candidates may elect whether they will apply for the scholarship of the province in which they have acquired the above-mentioned educational qualification, or for that of the province in which they have their ordinary private domicile, home or residence. They must be prepared to present themselves for examination in the province they select. No candidate may compete in more than one province.

Candidates for scholarships should, during the month of January, 1904, notify the chairman of the committee of selection in the province for which they apply, or the head of the university appointing to the scholarship, of their intention to present themselves for examination. The decision of the committee of selection or of the university making appointment shall be final as regards eligibility.

In the case of Ontario, Quebec, Nova Scotia and New Brunswick, it has been determined that nominations to the scholarships shall be made by the chartered universities and colleges of these provinces in a fixed rotation based upon the number of students in attendance.

The nominations for 1904 and 1905 will be made as follows :—

1904. By Toronto University.  
1905. By Queen's University.

NOVA SCOTIA.  
1904. By Dalhousie University.  
1905. By Acadia College.

QUEBEC.  
1904. By McGill University.  
1905. By Laval University.

NEW BRUNSWICK.  
1904. By the University of New Brunswick.  
1905. By Mount Allison University.

The further order of rotation will be announced later.

In the other provinces the selection of scholars will be made by the following Committees :—

PRINCE EDWARD ISLAND AND BRITISH COLUMBIA.

The Lieut.-Governor.  
The Chief Justice.

The Chief Superintendent of Education.

MANITOBA.

A committee of five, to be named by the University of Manitoba.

NORTH-WEST TERRITORIES.

A committee of five, to be named by the Lieut.-Governor and the Judges of the Supreme Court of the Territories.

Any inquiries about Oxford, its colleges and the course of study there, should be addressed to F. J. Wylie, Esq., the Oxford agent of the Rhodes Trustees. The presidents of Canadian colleges are requested to send to Mr. Wylie, for the information of the Trustees copies of their annual calendar, and such other college literature as they may think useful.

Copies of Oxford Responsions papers for past years can be obtained from the Copp Clark Company, Toronto. The Students' Handbook of Oxford can be ordered at the same address. It gives full information about the examinations of the university, subject to changes made since the last edition was issued.

"Oxford As It Is," a small pamphlet prepared by Mr. Louis Dyer, of Harvard and Balliol Colleges, for the use of American candidates, gives all essential information in a condensed form. It can also be ordered from The Copp Clark Company, Toronto.

"Oxford and its Colleges," written by Mr. J. Wells, of Wadham College, and "Oxford and Oxford Life," edited by the same gentleman, may be recommended for those who wish to gain fuller information about the university and its colleges.

### A SUGGESTIVE COURSE IN NATURE-STUDY FOR THE COMMON SCHOOL GRADES.

The following suggestive course, which is recommended to the careful study and criticism of *all* our public school teachers, is the work of J. W. Hotson, M. A., Principal of the Macdonald Consolidated School, Guelph, Ontario, and Geo. D. Fuller, B. A., Instructor in Nature-Study, Macdonald Rural Schools, Knowlton, Quebec.

Its aim is to indicate the character and scope of the work which may be attempted in the different grades, rather than to specify the exact objects or material to be used. From it the teachers in ungraded schools can obtain suggestions as to what can be done effectively under very diversified conditions, whether there are school gardens, or merely the gardens, fields and road-sides on the way to school. From this course each teacher can construct a local course to suit the conditions of each locality and his or her own knowledge. The Nature Study books recommended to teachers in the JOURNAL from time to time are very useful aids; but should never be used as text books, as every trained teacher knows. For a general method, see "general prescriptions" for Lessons on Nature in the Teacher's Register.

#### GRADE I.

*Autumn Work*—Plant crocus bulbs for spring blooming.

General form of a few familiar trees; *e. g.*, maple, elm, spruce; and observations of the forms of the leaves of familiar trees.

General appearance and use of fruits; *e. g.*, apples, plums, grapes, beech-nuts, butternuts, etc.

Observe the forms and learn to distinguish a few of the commonest wild flowers; *e. g.*, aster, golden rod, etc.

Observe in a general way the habits of caterpillars in breeding cages, noting feeding and changes.

General study of landscape representing it in water colors.

*Winter Work*—Study of pet and domestic animals; *e. g.*, cat, dog, mouse, cow, etc. Observe in a general way their form, color, size, shape of mouth, teeth, tongue, and habits of eating; ears and hearing; eyes and eyesight; whiskers and feeling; feet and claws; their coverings and their young, their calls and cries; the care necessary to keep them in comfort.

General study of landscape, representing it in water colors.

*Spring Work*—Plant and care for some early vegetables, such as peas or radishes.

Observe the growth and flowering of the crocus.

Observe the forms and learn to distinguish a few of the commonest wild flowers; *e. g.*, trillium, dandelion, etc.

Use of plants and their parts to man:

- (a) Useful roots as carrots, beets, etc.
- (b) Useful stems as flax, trees, wheat (straw), etc.
- (c) Useful leaves, as lettuce, cabbage, etc.
- (d) Useful fruits, as strawberries, currants, etc.

Development of tent caterpillar from egg to pupa.

General study of landscape, representing it in water colors.

#### GRADE II.

*Autumn Work*.—Plant tulips and observe seasonal changes in garden plants.

Dispersal of seeds and fruits. (Seed Dispersal by W. J. Beal.)

- (a) Seeds and fruits carried by the wind; *e. g.*, dandelion, thistle and milkweed.
- (b) Those carried by animals; *e. g.*, burdock, cocklebur, and stick-tights (Bidens).
- (c) Those carried by birds; *e. g.*, seeds of cherries, raspberries, etc.
- (d) Those which float on water; *e. g.*, cress, grass, and sedges.
- (e) Explosive fruits; *e. g.*, violet, witch-hazel, and jewel-weed (Impatiens).
- (f) Those carried by man, especially seeds of useful plants.

- Habits of squirrels. Observe their food and habits of eating, the collecting and storing of nuts; their nests; their alarm calls; their walking, running and climbing; their taming and care as pets.
- Observe hibernation of animals; *e. g.*, toad, frog, chipmunk, etc.
- Make breeding cages and bring in caterpillars; observe their habits and changes.
- Collect cocoons. (Comstock's Insect Life).
- General study of landscape, representing the seasonal changes in water colors.
- Winter Work*.—Forms of water at various temperatures, including simple studies of condensation, evaporation, and crystallization.
- Effect of heat on various substances; *e. g.*, sealing wax, iron, etc.
- Estimation of distances, weights and measures.
- The use of animals and their parts to man, observing the different uses made of the flesh, hides, fur hair bones, hoofs, horns, blood, fat, etc.
- General study of landscape, representing the seasonal changes in water colors.
- Spring Work*.—Plant and care for two easily raised vegetables; *e. g.*, beans and squashes.
- Growth and flowering of tulips.
- Plant beans or pumpkins and study their germination and growth.
- Observe the life history of two or three insects; *e. g.*, grass-hopper, cricket, mosquito, etc.
- Note the emergence of moths from cocoons.
- Observe the return of birds.
- General study of landscape, representing the seasonal changes in water colors.

GRADE III.

- Autumn Work*.—Plant narcissus and look after garden plot.
- Coloration and falling of forest leaves. What trees and what parts of trees color first? What part of the leaf is colored first? What color appears first (red or yellow)? Does color appear before frost? Is frost the cause of color?
- General study of the autumn aspect of forest trees, deciduous habits, evergreens, etc.
- Life history of the potato beetle.
- Make a terrarium and observe the habits of such animals as toads, snakes, beetles, etc.
- The departure of birds, noting the direction they go and why, singly or in flocks? Which leave first? Dates of departure.
- Recognition of ordinary soils—*e. g.*, clay, sand, gravel, loam, leaf-mould, etc.
- Study the landscape and represent its changing appearance in water colors.
- Winter Work*.—General study of the winter aspect of forest trees, including types of branching, character of bark, kinds of buds, etc.
- Study the habits of the rabbit or hare.
- Apparent motion of the sun and moon.
- Recognition of the constellations of Orion, Ursa, Major, Cassiopeia, etc.
- Recognition of common rocks, as granite, limestone, sandstone, etc., noting their uses to man.
- Study the landscape and represent its changing appearance in water colors.
- Spring Work*.—Plant and care for garden vegetables, such as potatoes and sunflower.
- Observe the development of narcissus.
- General study of the spring aspect of forest and fruit trees, including bursting of buds, flowering, formation of fruit and leaf arrangement.
- Habits of common wild flowers. Flower calendar. (Nature-study and Life, p. 104, by C. F. Hodge).
- Life history of potato beetle.
- Work and habits of earth worms. Observe their general external structure, movements, food and home, and notice the burrows and casts and infer their use to the worm and to man.
- The observation of the habits of such animals as toads, salamanders, or snakes, in a terrarium.
- Study the feeding, nesting and habits of a familiar bird such as the robin.
- Action of water on land, erosion and formation of land.
- Study the landscape and represent its changing appearance in water colors.

GRADE IV.

- Autumn Work*.—Plant hyacinths and look after garden plot.
- Observe the preparation of plants for winter—*e. g.*, defoliation, winter buds, rosette arrangement of leaves, underground stems, etc.
- Simple experiments in plant physiology. (See Atkinson's First Studies of Plant Life).
- Habits of wasps, mud daubers, social wasps, etc. (Comstock's Insect Life).
- Observe how insects breathe and eat.

Study the breathing pores of such insects as grasshopper, cricket, cabbage worm, etc., and compare the feeding habits of various caterpillars, beetles, etc.

Life histories of two or three injurious insects—*e. g.*, codlin moth, currant caterpillar, cabbage worms, etc.

Make aquaria and study habits of water animals, such as fish, water beetles, etc. Observe the effect on animal and insect life of a film of oil on the water.

Observe the departure of birds; a continuation of the work of Grade III.

*Winter Work.*—Special study of forest trees. Observe the appearance and character of wood, the meaning of rings of growth, and medullary rays, the appearance and cause of knots. Compare the strength and elasticity of similar pieces of different woods, testing by weights. Study the more obvious abnormal features of trees attacked by fungous diseases, such as black knot, bracket fungi, witches' brooms, etc.

Simple experiments in plant physiology. (See Atkinson's First Studies of Plant Life.)

Observe the adaptation of parts of grass-eating animals to habits; *e. g.*, tongue and teeth of cow, horse, sheep, etc.

Observe the adaptation of parts of flesh-eating animals to habits; *e. g.*, teeth of cat and dog; feet and claws of cat, etc.

Study habits of familiar winter birds, such as crow, chickadee, woodpecker, sparrow, snow-bird, blue-jay, etc.

Recognition of the planets and a few conspicuous stars, such as Polaris, Sirius, and Vega.

The movements and phases of the moon.

*Spring Work.*—Plant and care for garden vegetables such as lettuce and Indian corn. Observe the development and flowering of hyacinths.

Simple Experiments to show the effects of light and water on plants. (See Atkinson's First Studies of Plant Life.)

Life histories of two or three injurious insects; *e. g.*, codlin moth, currant caterpillar, cabbage worm, etc.

Note songs of a few common birds and observe their feeding and nesting habits.

In aquaria study the development of frogs or toads from the egg.

Study also the habits and food of other water animals; *e. g.*, fish, caddis flies, water-beetles, etc.

Flower calendar (continued).

Butterfly calendar.

#### GRADE V.

*Autumn Work.*—Study the methods of propagation of woody plants by cuttings, using such plants as currant, gooseberry and grape.

Study plant colonies such as, free swimming plants, sphagnum bogs, swamp forests, cat-tail and reed-grass societies. (See Coulter's Plant Relations.)

Study mosses and ferns, noting general characteristics, habits of growth and methods of reproduction.

Study the habits and characteristics of bees and ants.

Special study of two or three familiar birds as blackbird, bobolink, or cat-bird, noting home, movements, food, plumage, song, etc.

*Winter Work.* Physical analysis of soil. Find by experiment the amount of water, humus, clay, gravel and sand present in different soils.

From these constituents make different soils, such as clay loam, loam, sandy loam, gravelly loam, etc.

Study a few minerals; *e. g.*, quartz, mica, felspar, and calcite, noting, color, form, hardness, etc.

Simple experiments in heat, including conduction, radiation and absorption.

Gravitation, pendulum and clock.

Simple experiments with light, using prism, mirror and lenses.

Observation of the movements of stars, planets and constellations.

*Spring Work.*—Plant and care for garden vegetables, such as cucumbers and tomatoes. (NOTE.—Flowering or ornamental plants may be substituted for vegetables, in this or in the following grades, if thought desirable.)

Study the methods of propagation of herbaceous plants by cuttings, using such plants as petunia, geranium and begonia.

Ecological study of stems, leaves and roots. (See Coulter's Plant Relations.) Mosses, ferns and horse-tails, noting the commoner species, general characteristics, habits of growth and methods of reproduction.

Study the habits and characteristics of bees and ants.

Special study of two or three familiar birds, as blackbird, bobolink, or cat-bird, noting home, movements, food, plumage, eggs, young, etc.

Butterfly calendar (continued).

Bird calendar.

GRADE VI.

*Autumn Work.*—Learn to recognize the poisonous plants and trees of the locality. A few of the more conspicuous fungi, noting particularly their manner of growth, color, etc. Make cultures of moulds and other fungi.

Study the characteristics of two or three great plant groups, *e. g.*, crowfoot and rose families.

Identification of the weeds of the locality, noting their original habitat.

Study of spiders, noting external structure, food, webs, etc.

Special study of a few birds as in Grade V. considering especially their beneficial and injurious relation to the farmer. (Birds in Ontario in Relation to Agriculture, by C. W. Nash.)

Observation and systematic record of the weather.

*Winter Work.*—Simple experiments to show the difference between physical and chemical changes, and between mechanical mixtures and chemical compounds; *e. g.*,

- (a) Physical changes; water, ice, steam
- (b) Chemical change: heat sugar and how it becomes carbon.
- (c) Mechanical mixture: sulphur and iron filings.
- (d) Chemical compound: heat sulphur and iron filings and produce iron sulphide.

Use of thermometer, barometer and rain gauge.

Simple experiments in the use of levers.

The various knots and splice-ropes, applying the knowledge to the making of halters.

Study of winter birds; a continuation of autumn work.

*Spring Work.*—Plant and care for garden vegetables, such as melons and celery.

Learn to recognize the poisonous plants and trees of the locality.

Study the characteristics of two or three great plant groups, *e. g.*, lily and crowfoot families.

Give special attention to experiments on larger garden plots. These plots may be used for experiments in:

1. Rotation of crops; *e. g.*  
 1st year—Hoed crops, as roots and corn.  
 2nd year—Grain.  
 3rd year—Clover.
2. Methods of culture; *e. g.*  
 Flat and hilled culture of potatoes.  
 Ensilage corn sowed broadcast and planted in drills and in hills various distances apart.
3. The effect of various fertilizers on different plants.
4. Results from selected seed

Study of spiders, noting external structure, food, webs, etc.

Special study of a few birds as in Grade V., considering especially their beneficial and injurious relation to the farmer.

Bird calendar (continued).

GRADE VII.

*Autumn Work.*—Give special attention to experiments on larger plots, as outlined in Grade VI.

Study characteristics of two or three great plant groups; a continuation of the work in Grade VI.

Study of weeds and the most efficient methods for their eradication.

Pruning grapes and small fruits and preparing them for winter.

Relation of insects to pollination of flowers; a continuation of spring work.

Study slugs and snails, noting external structure and habits.

Study clams or oysters, noting habits, food, etc. Observe shell, mantel, siphon, body, foot and gills. Study habits in aquaria.

Nature calendar; a record of natural phenomena in chronological order.

The use of the rain-gauge and the recording of the amount of rain-fall.

*Winter Work.*—Experiments in plant physiology. (Macdougall's Nature and Work of Plants; Atkinson's First Studies of Plant Life.)

Analysis of plants to determine the amount of water, dry matter, carbon and ash in their composition.

The atmosphere and its composition, showing presence and amount of oxygen, nitrogen, carbon dioxide, organic matter, and other impurities. Simple experiments to show the union of oxygen and carbon in combustion.

A study of minerals and rocks.

Simple experiments in electricity and magnetism. (Brittain's Manual and Outlines for Nature Lessons; or High School Physics. Pt II).

The use of the rain-gauge and the recording of the amount of rain-fall.

*Spring Work.*—Plant and care for two or three vegetables such as carrots and beets, using different varieties for comparison.

Give particular attention to the experiments on the larger plots, as outlined in Grade VI.

Study of weeds and the most efficient methods for their identification.

Practice in correct methods of pruning fruit trees. Top grafting, apples, pears, etc.

Study characteristics of two or three great plant groups; a continuation of the work in Grade VI.

A special comparative study of the germination of various seeds such as pine (Gymnosperm), Indian corn (Monocotyledon), ash, castor-oil bean (Ricinus), maple and squash (Dicotyledons). (See Mrs. Wilson's Nature Study, p. 133).

The relation of insects to the pollination of flowers. What insects visit flowers? How do they carry pollen? How does each kind of the insect reach the nectar? What insects are robbers, and which are true pollen carriers? The use of pollen by insects.

Observe the habits of humming birds, particularly in relation to flowers.

Study galls, noting their cause and general structure.

Nature calendar; a record of natural phenomena in chronological order.

The use of the rain-gauge and the recording of the amount of rain-fall.

#### GRADE VIII.

*Autumn Work.*—Give special attention to experiments on larger plots, as outlined in Grade VI.

Budding fruit trees, apples and pears.

The care of small fruits and their propagation by layering and stolons.

Collection of seeds, especially those of economic importance, including grain, seeds of weeds and seeds of forest trees.

Study of plant families represented in the garden, *e. g.* :

(a) Gourd family, including squash, pumpkin, cucumber, melons and gourds.

(b) Cabbage family, including cabbage, cauliflower, kale, Brussels sprouts, Kohl-rabi, etc.

(c) Grass family, including the various grasses and grains.

Injurious fungi and the use of fungicides.

Injurious insects and the use of insecticides. (See Weed's Insects and Insecticides, and bulletins available from Dept. of Agriculture, Ottawa, and Ontario Agricultural College, Guelph)

Nature calendar; a record of natural phenomena in chronological order.

*Winter Work.*—Experiments in plant physiology.

Identification of weed seeds in grains by comparison with samples collected in the autumn.

Simple experiments on frictional electricity and magnetism.

Simple experiments in chemistry.

Distinguish characteristics of the great groups of vertebrates, *viz.* : mammals, birds, amphibians and fishes.

*Spring Work.*—Plant and care for some of the rarer garden vegetables, *e. g.*, salsify, egg-plant and pepper.

Give special attention to experiments on larger plots, as outlined in Grade VI.

The care of small fruits and their propagation by layering, stolons, etc.

Study plant families represented in the garden, *e. g.* :

(a) Gourd family, including squash, pumpkin, cucumber, melons and gourds.

(b) Cabbage family, including cabbage, cauliflower, kale, Brussels sprouts, Kohl-rabi, etc.

(c) Grass family, including the various grasses and grains.

Injurious fungi and the use of fungicides.

Injurious insects and the use of insecticides.

Root grafting of apples, pears, cherries, etc.

Nature calendar; a record of natural phenomena in chronological order.



**MARCH ANNUAL SCHOOL MEETING.**

In some fishing districts it may be found desirable to take advantage of that provision of the law under which the Council of Public Instruction may fix for a given section an earlier date for its annual school meeting than the last Monday of June. If any such cases exist, it is very desirable that these early annual meetings be held on the same day. The first Monday in March is suggested as likely to be the most generally convenient date.

Sections feeling the necessity of an early date for the annual school meeting should through their trustees, make an application to the Council through their Inspectors *before the end of January*, so that the Inspector may be able to transmit all such applications with recommendations or Comments thereon, to the Council of Public Instruction on the 1st day of *February*, when it is probable action can be taken promptly on them, and due notice given in time for the holding of the meetings on the first Monday of March.

This suggestion, it is hoped, will enable cases of this kind to be arranged easily and without the delay otherwise necessary.

The following School Sections have been added to those given in Sec. 42, of the Comments and Regulations of the Council of Public Instruction, whose annual meetings have been fixed by the Council on the 11th September, 1903, for the *first* Monday in March instead of the *last* Monday of the month. See Manual of School Law, 1901, pages 68 to 71.

**ANTIGONISH.**

- No. 79.....Frankville.
- No. 77.....Cape Jack.

**DISTRICT OF ARGYLE.**

- No. 2.....East Pubnico.

**CAPE BRETON.**

- No. 28.....Marion Bridge.
- No. 75.....Trout Brook.

**DISTRICT OF CHESTER.**

- No. 2.....East Chester.

**DISTRICT OF HALIFAX, WEST.**

- No. 1.....Hubbard's Cove.
- No. 7.....Glen Margaret.
- No. 28.....Portugese Cove.
- No. 65.....West Chezzetcook.

**DISTRICT OF HALIFAX, EAST.**

- No. 4.....Head Jeddore.
- No. 10.....Owl's Head.
- No. 19.....Spry Bay (Leslie).
- No. 27.....Beaver Harbor.
- No. 29.....Quoddy.

**DISTRICT OF SOUTH QUEENS.**

- No. 3.....Central Port Mouton.
- No. 13.....West Berlin.

**RICHMOND.**

- No. 8.....Petit de Grat.

**DISTRICT OF DIGBY.**

- No. 14.....Gilbert.
- No. 41.....East Ferry.

**DISTRICT OF GUYSBORO.**

- No. 3.....Riverside.

**DISTRICT OF LUNENBURG.**

- No. 60.....Cleveland.
- No. 72.....New Cumberland.

**DISTRICT OF ST. MARY'S.**

- No. 30.....Spanish Ship Bay.

**VICTORIA.**

- No. 26.....Upper Washabuckt.
- No. 30.....Estmere.
- No. 34.....Gillis Point.
- No. 41.....Seaview.
- No. 65½.....South Ingonish

**DISTRICT OF NORTH INVERNESS.**

- No. 4¼.....Le Fort.

**DISTRICT OF CAPE BRETON.**

- No. 20.....Round Island.
- No. 38.....Ball's Creek.
- No. 59.....Catalone.
- No. 84.....Caledonia.

## PUBLIC SCHOOL COURSE OF STUDY.

**152.** The public school course of study may be considered under its sub-divisions of the common and high school courses. They furnish a basis for the classification of pupils by the teachers and for the examination of schools by the inspectors, while they also secure a definite co-ordination of all the work attempted in the public schools of all grades, thus fostering the harmonious interaction of all the educational forces of the province.

These courses are to be followed in all schools, particularly with reference to (1) the order of succession of the subjects, and (2) the simultaneity of their study. The fulness of detail with which they can be carried out in each school must depend upon local conditions, such as the size of the school, the number of grades assigned to the teacher, etc. As suggestive to teachers with little experience, contracted forms of the detailed common school course for miscellaneous and partially graded schools are appended.

The public school course of study is the result of the observation and experience of representative leading teachers of the province, under the suggestion of the experiments of other countries and the criticism of our teachers in provincial conventions assembled for many years in succession. A system developed in such a manner must necessarily in some points be a compromise, and presumably therefore at least a little behind what we might expect from the few most advanced teachers. But it is also very likely to be a better guide than the practice of a majority, without any mutual consultation for improvement. The successive progression of studies is intended to be adapted to the order of development of the powers of the child's mind, while their simultaneous progression is designed to prevent monotony and one-sidedness, and to produce a harmonious and healthy development of the physical, mental and moral powers of the pupil. The apparent multiplicity of the subjects is due to their sub-division for the purpose of emphasizing leading features of the main subjects which might otherwise be overlooked by inexperienced teachers. The courses have been demonstrated to be adapted to the average pupil under a teacher of average skill. The teacher is, however, cautioned to take special care that pupils (more especially any prematurely promoted or in feeble health) should not run any risk of "over-pressure" in attempting to follow the average class-work.

Changes in these courses of study must always be expected from year to year, but to a very small extent it is hoped, except in the prescription of certain texts in the high school course. These will be published from time to time in the bulletin of the Department, the JOURNAL OF EDUCATION, published in April and October of each year.

### 153. GENERAL PRESCRIPTIONS.

The general regulations, on account of their paramount importance and their unchangeable character, are printed on page 10 of the School Register, so that they may be always before the eyes of the teacher. To save space they are not republished here; but attention is called to the fact that they are even of more importance than the special prescriptions which follow below as supplementary:

The Special Prescriptions for common school grades are as in the *April Journal*, from pages 51 to 61.

### 154. SPECIAL PRESCRIPTIONS FOR HIGH SCHOOLS.

(Year ending July, 1904.)

An examination intended for those who require certificates of High School scholarship is given annually on this course; but teachers and school boards are required by law to grade their schools according to local conditions. The subjects of any six papers will be a minimum "full course" to constitute a regular pupil or student under Regulation 59 in County Academies or any other High Schools. The course to be taught in any school shall be determined by the joint agreement of the principal and the school board, with an appeal to the Inspector, and from him to the Council in the case of disagreement or dissatisfaction.

For High School certificatees of Grades IX, X and XI, the examination for which is entirely optional on the part of pupils, a group of eight papers is imperative for a "High School Pass," with a minimum aggregate of 400, and no paper below 25.

For a "Teachers Pass" an aggregate of 400 is imperative, with at least 40 on every paper of the grade except Latin, Greek, French and German which are optional.

The subjects, number and value of the papers for the different grades of examination, and the general scope of examination questions, are indicated in the curriculum which follows. The text books named indicate in a general manner the character of work expected.

on each subject. Examination papers are assumed to be on the subjects, not on the text books, and may demand description by drawing as well as by writing in all grades. In any subject, also, a question may be put on work indicated under the head of "general prescriptions."

As it is practically impossible to obtain text books covering the subjects to the exact extent desirable by a majority; and as it would be pedagogically unsound to require even pupils in the same class—the one who may have a special ability and liking for the subject, as well as the one who has no ability of taste for it—to do the same amount of work; and as it is generally desirable that a text should contain more exercises and matter for students who may have the power and the wish to do more than the average, the text books recommended are selected with the view of containing more rather than less of what would suit the average student.

The excess of the text recommended is therefore equalized by the device of *optional* questions at examination. Examination questions are distributed as regularly as possible over the field prescribed. When only *five* questions are required for a full paper, *six* questions are equivalent to the reduction of the text by one-sixth, *seven* questions by two-sevenths, (nearly one-third), and so forth. History and Geography in IX and X will have ten questions equally distributed, of which *five* will make a full paper, two of which must be on one subject and three on the other. This is virtually easier than halving the whole prescription, for then these questions can be selected from the favorite subject. It will be practicable for a teacher under these circumstances to reduce the prescription to one-half of each, if he thinks he can do better work; but the memorization of details is never good except for those who can do it naturally and without effort.

GRADE IX.

Subject.	Paper.
ENGLISH.	1: LITERATURE—Dickens' <i>A Christmas Carol</i> (Riverside), and Scott's <i>The Lady of the Lake</i> (T. C. Allen & Co.), with critical study, word analysis, prosody and recitations; (b) English Composition as in <i>Sykes</i> , or an equivalent in the hands of the teacher, with essays, abstracts and general correspondence, so as to develop the power of fluent and correct expression in writing.
	2: As in GRAMMAR (excepting notes and appendix) with easy exercises in parsing and analysis.
LATIN.	3: As in <i>Collar and Daniell's First Latin Book</i> , to end of Chapter LIV., or any equivalent grammar, with easy translation and composition exercises. [The <i>Roman</i> (Phonetic) pronunciation of Latin to be used in all grades].
FRENCH.	4: As in Longmans' French Course (Bertenshaw), <i>Grammar Part I</i> , and <i>First Conversational Reader</i> to page 34.
HISTORY AND GEOGRAPHY.	5: (a) Review of Canadian history as in Calkin with oral lessons on civics as suggested in "How Canada is Governed." (b) Geography as in <i>advanced</i> text,—astronomical (the easier problems), physical, and the various portions of the British Empire. (Exam. questions one-half optional.)
	6: (a=80). Botany as in Spotton or an equivalent. (b=20) Physics as in Primer or equivalent (winter months). Texts to be used only as aids to the study of the objects. Drawing of parts of plants, etc., while being studied.
SCIENCE.	7: (a=20). Construction of plans, geometrical figures and solution of mensuration and trigonometrical problems by mathematical instruments. (b=80) High School Drawing Course No. 1, with model and Object drawing and <i>Manual Training</i> , No. 2 completed. (c=50) Commercial forms and writing, with Single Entry Book-keeping problems.
	8: ARITHMETIC—As in the <i>Academic</i> to page 66.
DRAWING AND BOOKKEEPING.	9: ALGEBRA—As in <i>Hall &amp; Knight's Elementary</i> to end of Chapter XVI.
	10: GEOMETRY—Euclid I, with the easier exercises in <i>Hall &amp; Stevens</i> . to Prop. 48.
MATHEMATICS.	

## GRADE X.

ENGLISH.	}	1: (a) Same subjects as in previous grade, but more advanced scholarship required. (b) Composition as in <i>Sykes</i> , or an equivalent in the hands of the teacher, with special attention to the development of readiness and accuracy in written narrative, description, exposition and general correspondence.
		2: As in GRAMMAR (excepting appendix) with exercises in parsing and analysis.
LATIN.	}	3: As in <i>Collar and Daniell's First Latin Book</i> complete, and " <i>Cæsar's Invasion of Britain</i> ," by Welch and Duffield.
GREEK.		4: As in <i>White's First Greek Book</i> , lessons I to L.
FRENCH.	}	5: As in Longman's French Course (Bertenshaw), <i>Grammar Part II.</i> and <i>First Conversational Reader</i> completed.
GERMAN.		6: As in <i>Joynes-Meissner's Grammar</i> , first 18 lessons, with Buchheim's <i>Modern German Reader</i> , Part I, first division only.
HIST. AND GEOG.	}	7: Review of British History as in "Outlines." (b) Advanced textbook of Geography completed. (Exam. questions, one-half optional.)
SCIENCE.		8: (a=70) Chemistry as in <i>Waddell or Williams</i> . (b=30) Agriculture as in <i>James</i> or Mineralogy as in <i>Crosby</i> .
DRAWING AND BOOKKEEPING.	}	9: (a) Mathematical Drawing as in previous grade, but more advanced. High School Drawing Course, No. 2, and model and object drawing, with simple drawing from nature. (b) Book-keeping; Double Entry forms and problems.
MATHEMATICS.		10: ARITHMETIC as in the <i>Academic</i> .
	11: ALGEBRA as in <i>Hall &amp; Knight's Elementary</i> to end of Chapter XXVII.	
	12: GEOMETRY, Euclid I, II and III to Prop. 20, with the easier exercises in <i>Hall &amp; Stevens</i> .	

## GRADE XI.

ENGLISH.	}	1: LITERATURE—(a=80) DeQuincy's <i>Joan of Arc</i> and Tennyson's <i>The Princess</i> . (b=20) A general acquaintance with the prescribed literature of the previous grades as above.
		2: GRAMMAR—History of English language and Text Book complete with difficult exercises. (b) History of English literature as in <i>Meiklejohn</i> .
LATIN.	}	3: Grammar and easy composition partly based on prose author read.
		4: (a) <i>Cæsar's De Bell. Gall.</i> , Books II and III (for 1905, Book V) and (b) <i>Vergil's Aeneid</i> , Book I; (also 1905, Book I), with grammatical and critical questions.
GREEK.	}	5: Grammar and easy composition based partly on author read and <i>White's First Greek Book</i> completed.
FRENCH.		6: <i>Xenophon's Anabasis</i> , Book II, (for 1905, Book III), with grammatical and critical questions.
GERMAN.	}	7: <i>Grammar</i> as in text of previous grades, or Lanos' <i>Synoptical</i> , with composition exercises. Authors: <i>Nos Enfants et Leurs Amis</i> , by Suzanne Cornaz, and <i>L'Anneau D'Argent</i> by DeBernard (Mac-Millan & Co).
		8: As in <i>Joynes-Meissner</i> , to lesson 44, with Buchheim's <i>Modern German Reader</i> , Part I, complete.
HIST. AND GEOG.	}	9: General History and Geography as in <i>Swinton</i> .
PHYSIOLOGY.		10: As in prescribed text, " <i>Martin's Human Body and the Effects of Narcotics</i> ."
PHYSICS.	}	11: As in <i>Gage's Introduction to Physical Science</i> .
MATHEMATICS.		12: PRACTICAL MATHEMATICS as in <i>Eaton</i> .
	13: ALGEBRA AND ARITHMETIC as in <i>Hall &amp; Knight's Elementary Algebra</i> , omitting chapter XLI.	
	14: GEOMETRY as in Euclid I to IV, with the easier exercises, the more important definitions and algebraic demonstrations of Euclid V, and Euclid VI (text) to Prop. 19, as in <i>Hall and Stevens</i> .	

GRADE XII.

The examination on this syllabus may be known as the senior Leaving Examination of the High School. This portion of the course of study may be profitably undertaken on the lines best adapted to the staff of instructors or demands of students in the larger High Schools or County Academies. There is in this grade a bifurcation of the course into a classical side and a scientific side, with minor options leading to the certificates of grades XII (classical) and XII (scientific) respectively. This grade is not only *not* compulsory on any school section, but it should not be attempted in any school with less than four High School teachers.

(A) IMPERATIVE FOR BOTH SIDES.

- |             |   |  |
|-------------|---|--|
| ENGLISH.    | { | 1: As in <i>Lounsbury's English Language</i> . Chaucer's <i>Canterbury Tales: The Prologue, The Knights and the Nonne Prestre's Tale</i> . (Skeat's 2/6 edition). (Also for 1905).   |
|             |   | 2: <i>Stofford Brooke</i> (Copp, Clark) for reference. Carlyle's <i>Sartor Resartus</i> . Shakespeare's <i>Julius Caesar</i> and Milton's <i>Paradise Lost, Books I and II</i> . (For 1905, Thackeray's <i>Humorists</i> , Shakespeare's <i>Henry V</i> , and Milton's <i>Paradise Lost, I and II</i> ). |
| HISTORY.    |   | 3: As in <i>Green's Short History of the English People</i> , and <i>Clement's History of Canada</i> .   |
| PSYCHOLOGY. |   | 4: As in James' <i>Text Book of Psychology</i> , Titchener's <i>Primer</i> , or Maher—edition of 1900.   |
| SANITATION. |   | 5: As in the <i>Ontario Manual of Hygiene</i> .  |

(B) IMPERATIVE FOR CLASSICAL SIDE.

- |        |   |  |
|--------|---|--|
| LATIN. | { | 6: Grammar as in <i>Bennett</i> , and Composition as in <i>Bradley's Arnold</i> or equivalents. Latin translation at sight.          |
|        |   | 7: TACITUS.— <i>Histories</i> , Book I. (For 1905 <i>Annals</i> , Book IV).  |
|        |   | 8: CICERO.— <i>Pro Lege Manilia</i> , and <i>Pro Archia</i> . (Also for 1905).   |
|        |   | 9: VERGIL.— <i>Georgics</i> , Books I and IV. (For 1905, <i>Æneid</i> , Books V and VI).   |
|        |   | 10: HORACE.— <i>Odes</i> , Books III and IV. (Also for 1905).  |
|        |   | 11: ROMAN HISTORY AND GEOGRAPHY.—As in <i>Liddell's</i> .  |
| GREEK. |   | 12: Grammar as in <i>Goodwin</i> , and composition as in <i>Fletcher and Nicholson</i> , or equivalents. Greek translation at sight. |
|        |   | 13: PLATO.— <i>Apology and Crito</i> . (Also for 1905).  |
|        |   | 14: DEMOSTHENES.— <i>De Corona</i> , omitting documents. (For 1905, <i>Philippics</i> , I-III, and on the <i>Chersonese</i> ).       |
|        |   | 15: SOPHOCLES.— <i>Antigone</i> . (For 1905, ÆSCHYLUS— <i>Prometheus Vincetus</i> ).   |
|        |   | 16: GRECIAN HISTORY AND GEOGRAPHY.—As in <i>Smith's</i> .  |

(C) IMPERATIVE FOR SCIENTIFIC SIDE.

- |              |   |  |
|--------------|---|--|
| SCIENCE.     | { | 17: PHYSICS.—As in Gage's <i>Principles of Physics</i> .   |
|              |   | 18: CHEMISTRY.—As in Storer & Lindsay's <i>Elementary</i> .  |
|              |   | 19: BOTANY.—As in <i>The Essentials of Botany</i> by Bessey (latest edition); with a practical knowledge of representative species of the Nova Scotia flora.   |
|              |   | 20: ZOOLOGY.—As in <i>Ontario High School Zoology</i> , or equivalent with dissection of typical Nova Scotia species as in list specified in <i>Journal of Education</i> .                             |
|              |   | 21: GEOLOGY. As in Sir William Dawson's <i>Hand Book of Canadian Geology</i> (excepting the details relating to other provinces from pages 167 to 235, or an equivalent text).                         |
| MATHEMATICS: |   | 22: ASTRONOMY.—As in Young's <i>Elements of Astronomy</i> .  |
|              |   | 23: NAVIGATION.—As in Norrie's <i>Epitome</i> or equivalent.   |
|              |   | 24: TRIGONOMETRY.—As in Murray's <i>Plane Trigonometry</i> .   |
|              |   | 25: ALGEBRA.—As in Hall & Knight's <i>Higher Algebra</i> , omitting "..." paragraphs and chapters XXIV to XXXI.  |
|              |   | 26: GEOMETRY.— <i>Euclid</i> , particularly VI and XI, as in <i>Hall and Stevens</i> , with exercises. "Loci and their equations," as in chapter I, Wentworth's <i>Elements of Analytic Geometry</i> . |

## (D) OPTIONAL FOR EITHER SIDE.

- FRENCH. { 27: FRENCH GRAMMAR AND COMPOSITION.—As in *Brachet* or equivalent.  
28: FRENCH AUTHORS.—(a) Berthon's *Specimens of Modern French Prose*, complete; and Scribe's *Le Verre D'Eau*. (Macmillan & Co.) (b) Berthon's *Specimens of Modern French Verse*, Part I and the pieces beginning on the following pages of Part II of Macmillan & Co's editions; 112, 120, 125, 129, 134, 139, 146, 151, 158, 170, 176, 178, 183, 187, 197, and 206.
- GERMAN. { 29: GERMAN GRAMMAR AND COMPOSITION.—As in *Joynes-Meissner* or equivalent.  
30: GERMAN AUTHORS.—As in Buchheim's *German Reader, Part II*.
- To pass Grade XII (scientific) a minimum aggregate of 1000 must be made on twenty papers, including all in groups (A) and (C) and any other *five* papers.  
To pass Grade XII (classical) a minimum aggregate of 1000 must be made on twenty papers, including all in groups (A) and (B) and any other *four* papers.  
No paper to fall below 25.  
For Grade XII (classical and scientific), all the subjects in group (D) must have been taken as well as those in (A), (B) and (C). No paper to fall below 50.  
For "Teacher's pass," no paper to fall below 50.

## 165.

## UNIVERSITY MATRICULATION.

The leading universities and colleges of the Provinces have agreed to accept the Grade XI or Junior Leaving High School certificates in lieu of their matriculation examination, when the certificate indicates a pass on each subject required by the particular matriculation standard concerned. For example, a university may fix 50 or 60 per cent., more or less, in Latin, Greek or any other subject as its standard. Again, a candidate may fail to take a "pass" High School Certificate through a low mark in a subject not required for matriculation, yet make sufficiently high marks, as shown by his "examination record," on the subjects required to admit him to the university. This constitutes a practical affiliation of the Public High Schools with the Universities, which will save division of energy in many high schools, while it will place each of the Universities in the same relation to the public schools.

## 166.

## TEXT BOOKS.

In performing the duty of selecting and prescribing text books for the Public Schools, the Council of Public Instruction has availed itself as fully as possible of the knowledge and experience of those who are engaged in the practical work of education. The sole aim of recent modifications has been to secure at a reasonable cost, a series of texts *adapted for use in schools*. Change in authorized books is *in itself* a very undesirable thing.

The prescribing of new books is one of such importance to the country that the most extraordinary care has to be taken to make sure that the ultimate advantage of a change will more than compensate the people for the temporary loss or annoyance always involved in making a change. But change there must be. It is the essential condition of all growth; and we ought under such circumstances to be always prepared for it.

Instructors and teachers are reminded :

- (1) That the course of study for common schools encourages an economical expenditure for the text books by providing a system of oral instruction for junior classes. Too many teachers try to satisfy themselves in respect to their more youthful pupils by placing in their hands text books not needed in any case, and worse than useless when unaccompanied by proper oral exposition. A text book should not be required for a child until he is prepared to use it intelligently.
- (2) That the regulation which makes it illegal and improper for a teacher to introduce unauthorized texts, by no means hinders him from giving his pupils the benefit of other treatises to whose explanations he may attach importance. The progressive teacher will always have such aids within reach, and will so use them as to impart variety and interest to his instructions.

## LIST OF TEXT BOOKS PRESCRIBED FOR USE IN SCHOOLS.

## 167.

## COMMON SCHOOL GRADES.

Royal Readers, Primer and Nos. 1 to 5. (Thomas Nelson & Sons, Edinburgh and London.) [3 cts., 10 cts., 17 cts., 30 cts., 45 cts., and 60 cts., respectively.] In French sections, French-English Royal Readers, Primer to No 3. [8 cts., 20 cts., 30 cts., 45 cts., respectively.] *Les Grandes Inventions Modernes*, par Louis Figuier, 51 cents.  
Spelling book superseded—*English Edition*. (Sullivan Bros.) 25 cents.

- Health Readers Nos. 1 and 2. (T. C. Allen & Co., Halifax.) 20 and 30 cents.  
 Calkin's Introductory Geography. (A. & W. Mackinlay, Halifax.) 60 cents.  
 History of England and Canada. (Copp, Clark Co.) 30 cents.  
 Lessons in English. (Revised. A. & W. Mackinlay, Halifax.) 30 cents. [Grammaire  
 Française Elementaire, for the use of teachers in French sections.] 30 cents.  
 Common School Arithmetic. (T. C. Allen & Co., Halifax.) 15 cents each part; 40  
 cents *three parts* bound in one.  
 Tonic sol-fa. *School-day Melodies*, by Ada F. Ryan. Parts I and II. 10 cents each.  
 Writing: Copy Books—*Vertical*, as in Jackson's New Style, 5 cents each; or *Sloping*  
 Royal Crown, 5 cents each.  
 Drawing Books: Public School Drawing Course (Canada Pub. Co., Toronto), 5 cents  
 each; or Langdon S. Thompson's, 10 cents each; or home-made books of cheap paper,  
 under direction of each teacher for alternative course recommended.

168.

HIGH SCHOOL GRADES.

- English Grammar (Mackinlay). 30 cents.  
 Academic Arithmetic (T. C. Allen & Co.). 40 cents.  
 Martin's "The Human Body and the effects of Narcotics." (Henry Holt & Co.) \$1.65.  
 Calkin's Geography of the World (Mackinlay). \$1.25. Calkin's History of Canada,  
 50 cents.  
 Outlines of British History (Thomas Nelson & Sons, Edinburgh). 45 cents.  
 Hall & Stevens' Euclid. (I., 25 cents, I. to IV., 55 cents, I. to XI., 80 cents).  
 Hall & Knight's *Elementary Algebra*. 75 cents.  
 James' *Agriculture* (Morang, Toronto). 30 cents.  
 NOTE.—The character of the High School work in its various subjects is further indi-  
 cated by the books referred to in the High School Course of Study from year to year.

169.

MAPS, CHARTS AND APPARATUS.

- The Council has not deemed it necessary to prescribe maps and charts of particular  
 authorship for use in the Public Schools. In such well-known series as those of Phillips,  
 Johnston, or Mackinlay, trustees will find an abundance of excellent material from which  
 to select. The special character of Church's Mineral Map will tend to popularize it in  
 many parts of the province, while it fully answers the purpose of a general map.  
 Prang's Natural History Series of botanical and zoological drawings is accompanied by  
 a manual of directions.  
 The "Standard Dictionary" (Funk & Wagnalls, New York and London), is recom-  
 mended.  
 Trustees are authorized to procure the "School Equipment," described as *necessary* in  
 the Manual of the School Law, from any workers or publishers, satisfactory to themselves  
 and the inspector.

170.

RECOMMENDED FOR THE USE OF TEACHERS, M. P. Q., EXAMINATIONS, ETC.

- Manual of School Law*, Nova Scotia, 1901. (All Booksellers). 15 cents.  
*Journal of Education*, (Education Office). 10 cents.  
*The Educational Review* for the Atlantic Provinces of Canada. Important on account of  
 its reference to local and current educational progress, and for urgent or special official  
 notices to teachers between the semi-annual issue of this JOURNAL. Therefore it is also  
 recommended to all Boards of School Trustees. \$1.00 per annum.  
*School Science*, a monthly adapted specially to high school work. \$2.00 per annum.  
 4740 Cullom Avenue, Chicago, Ill., U. S. A.)  
*Notes on Education*, by J. B. Calkin. \$1.00.  
*Lectures on Teaching* by Sir Joshua Fitch (Cambridge Univ. Press), \$1.25.  
*Educational Reformers*, by Quick (Appleton & Co.) \$1.00.  
*Education*, by Herbert Spencer. 75 cents.  
*Faunce's*, Mechanical Drawing. \$1.25.  
*Wood's Primer of Political Economy* (Copp, Clark Co.) 50 cents.  
*Public School Book-keeping*, by Maclean (Copp, Clark Co., Toronto.) Authorized for  
 New Brunswick. 45 cents.  
*Song-Teachers' Guide*, by Miss Ryan, 30 cents. (T. C. Allen & Co.)  
*Augsburg's Drawing*, Book I, for grades 1, 2 and 3, Ed. Pub. Co. 90 cents.  
*Augsburg's Drawing*, Book II, for grades 4 to 8, Ed. Pub. Co. 90 cents.  
*Augsburg's Drawing*, Book III. Brush, Wash, Water-color, Pen Drawing, etc.  
 Ed. Pub. Co. 90 cents.  
*Art Instruction in Primary Schools*. A Manual for Teachers (second year), by Mary  
 Dana Hicks. (The Prang Elementary Course.)

*High School Botanical Note Book*, Parts I. and II., for the Provincial Examinations, Ontario, paper, 150 pp., 7 x 10 inches. 50 cents each. (W. J. Gage & Co.)

*Shorthand Books*, Isaac Pitman's (Sole Agents in Canada, Copp, Clark Co., Toronto.) Full list upon application. The Phonographic Teacher, 20 cts.; Key to the Phonographic Teacher, 20 cts.; Pitman's Shorthand Instructor, \$1.50; A Manual of Phonography, 50 cts.; Key to Exercises in Manual, 20 cts.

(Other books for teachers on numerous subjects will be found in the *School Library Catalogue—171*).

### 171. RURAL SCHOOL LIBRARIES OF NOVA SCOTIA.

Section 77 (e) of "The Education Act," Chapter 52, R. S., 1900, authorized the ratepayers to vote funds for "books for the school libraries" at any regularly called school meeting.

Prior to 1903 the Council of Public Instruction published (in the "Manual of School Law, 1901," and in the "Journal of Education," from year to year) the following Regulations which still continue to remain in force:

172. In the Revised Statutes of 1900, Chapter 52, Section 77 (e), authority is given for the raising of funds for books for the school library by assessment. Until the Council has prepared and published a list of books for such libraries, trustees purchasing such books with school funds should first send a list of proposed books, their publishers, sizes and prices if possible, to the Secretary of the Council for its approval.

173. In some schools among those fully graded, the prescribed Readers may be thoroughly mastered before the other portions of the course; so that additional reading may profitably be undertaken by the pupils. Such readings are known as "supplementary," and may be authorized by the Council for any section making application; but only on the conditions: (a) that the prescribed Readers have first been thoroughly mastered, and (b) that the "supplementary" Readers authorized be the property of the school section, so that no parent or pupil shall be required to purchase any such Reader.

Regulations 51, 52, 53, 69 and 70, referring to the equipment of "Superior" Schools, High Schools and County Academies, make the school library an essential part of the legal equipment of public schools, which Inspectors can have enforced by the withholding of public funds under the conditions specified.

Chapter 24 of the Statutes of 1903 is as follows:

#### An Act for the Encouragement of Rural School Libraries.

Be it enacted by the Governor, Council, and Assembly as follows:

1. The Council of Public Instruction may pay annually out of the Provincial Treasury to any teacher acting as the librarian of the school library of the school section the sum of five or ten dollars, according to the equipment of the school, the value and use of the library, and the general management of the school and library, attain the standards prescribed by regulations of the Council for the smaller or larger library grant respectively.

2. Nothing in this Act shall apply to the schools in any incorporated town, or in any school section employing a Class A teacher drawing a superior school grant, or a teacher drawing an Agricultural or Manual Training grant.

Under the authority of this Act the Council of Public Instruction has made the following

#### REGULATIONS FOR RURAL SCHOOL LIBRARIES.

(1)

##### THE GRANTS.

The Rural School Library grants, authorized by statute (quoted above) are intended to stimulate the formation and use of libraries in school sections other than those in which Class "A," Agricultural or Manual Training grants are drawn—which grants are already conditioned to some extent by the existence of appropriate libraries.



For the *five* dollar grant the books belonging to the library in the year 1904 must be worth at least *twenty* dollars, and at least 150 issues of books must have been made during the year to readers.

For the *ten* dollar grant the books belonging to the library in 1904 must be worth at least *fifty* dollars, and at least 300 issues must have been made to readers during the year.

Each year subsequent to 1904 the minimum value of the smaller library must be *five* dollars greater than on the previous year until it becomes *fifty* dollars, when the minimum shall remain constant.

In like manner, each year subsequent to 1904 the minimum value of the larger library must be *ten* dollars greater than on the previous year until it becomes *one hundred* dollars, when the minimum shall remain constant.

(2)

THE BOOKS.

The books reckoned as library books qualifying for the grant shall be as far as possible adapted to the wants (1) of the pupils, and (2) of the residents of the school section, and shall be selected from a catalogue recommended by the Council of Public Instruction. "Blue books," reports, and any documents published by the Dominion, Provincial or municipal governments for the information of the public should also find a place in the library; but their value shall be reckoned at the price paid for them, and they should be numbered as the other volumes or pamphlets.

The books shall be the property of the school section, no matter whether the funds have been raised by sectional assessment, by school entertainments, subscription or donation; and shall therefore be primarily in charge of the school board and their secretary as an asset of which they shall present the inventory at each annual meeting; and for the loss or injury of which through lack of efficient management or care, they shall be personally liable to the section.

The prices given in the "catalogue" are taken from the publishers' lists and are subject to change from time to time. They are given merely as the probable approximate cost. Books may be purchased directly from the publishers or from local dealers, and as large discounts are often made, it is always advisable to ascertain their cost before purchasing.

Trustees are cautioned not to buy books from agents who may offer full sets of books at a "bargain." Such sets, as a rule, are not the most useful selections for children or even adults.

Nor should cheapness always determine what editions should be purchased; for bad type, poor paper or defective binding should not be imposed on children any more than on adults.

Books imported into Canada for school libraries are entered free of duty.

(3)

THE BOOKS—HOW KEPT.

The books shall be kept (when not loaned to readers) in a proper book-case under lock and key. Under the direction of the secretary of the school-board the teacher acting as librarian shall be responsible for the loaning, collecting and safe-keeping of the books to the school trustees. The librarian at the close of his period of service shall deliver up to the secretary the library and its whole equipment in good order and in good condition except for reasonable wear and tear or accidents not due to his lack of intelligence or care. The loss of any volumes or material through the librarian's fault will be chargeable against his salary, and shall be replaced at his expense by the secretary. In the case of a conflict of opinion the inspector shall arbitrate the case.

The secretary shall on the retiring of any librarian acknowledge by his signature the correctness of the inventory of the library thus given up; and on the assumption of the duty of librarian by another teacher, the said teacher shall in like manner acknowledge the correctness of the inventory of the library handed over to him. If a book is lost or injured by any one to whom it has been issued, the secretary of the trustees shall promptly take the necessary legal action for its recovery or the cost of its restoration on the report of the librarian who shall not be responsible for the loss, provided he has followed the instructions of the secretary in a reasonable manner, and reported the injury or loss promptly.

A book loaned to a member of a family in which infectious disease has broken out should not be returned to the library; but its value should be promptly paid and a new book obtained.

Local regulations not inconsistent with the regulations of the C. P. I. may be authorized by the school board, fixing the time of loan, fines for holding books overtime, methods of assessing and collecting damages to books, and all other local matters of management; but all books must be called in at the close of the school term. During the vacation period and the absence of the teacher, the secretary may on the written order of the school trustees issue books as librarian, all of which must be replaced by him when the library is handed over to the new librarian.

(4) THE SCHOOL DICTIONARY.

There must be an English dictionary in the school room ; and all pupils above Grade III must be taught how to use it, and must be accustomed to use it freely.

(5) THE LIBRARY CASE.

There must be a library case, under lock and key, for the safe keeping of the books.

(6) THE ACCESSION BOOK.

There must be an accession book kept, in which all the books of the library are entered as they are procured, so as to show all the details specified below.

This book should be not less than seven by nine inches (which is the size of the "return," a duplicate of which is to be annually pasted into it) with good stiff cover and well bound back, and at least 48 leaves. Books of 72 leaves are more common, and are a good size for even the smallest library ; for they will be large enough to keep the record of books added to the library for many years.

A uniform label for such book, somewhat as follows, will be supplied by the publisher of the other library blanks :

ACCESSION BOOK	
of	
RURAL SCHOOL LIBRARY,	
..... School Section,	
No. ....,	District of.....
County of....., Nova Scotia.	

The two pages will be used as a single folio, 14 inches wide and 9 inches deep, containing 20 or more horizontal blue lines ; and should be neatly ruled in red ink by the librarian, as follows :

- 1st. A double horizontal line near the top of the page under which the titles of the vertical columns shall be neatly written, underneath these titles rule a single red line.
- 2nd. Vertical lines in red from the double horizontal line to the bottom, forming columns of the following breadth under each of the following headings :

No. ( $\frac{3}{8}$ inch.)	Class. ( $\frac{1}{2}$ inch.)	Author. (2 inches.)	(Left Page.)		Date Received. (1 $\frac{1}{4}$ inches.)
				Title. (2 $\frac{1}{2}$ inches.)	
				(Right Page.)	
Publisher. (2 $\frac{1}{2}$ inches.)	Year Pub. ( $\frac{1}{2}$ inch.)	Source. (1 inch)	Cost. ( $\frac{1}{2}$ inch.)	Remarks. (2 $\frac{1}{2}$ inches.)	

All the entries must be in ink. Books should be numbered consecutively from No. 1. The Class indicated by a letter, should also for convenience be given near the number, which should be on the inside of the front cover. A general label may be provided for this purpose—somewhat as follows :

RURAL SCHOOL LIBRARY.	
No. ....	Class.....
..... School Section,	
..... Co., Nova Scotia.	

Give surname of author first, followed by his initials if necessary.  
 Give short title, sufficient to distinguish the book—omitting the article  
 Give date when book is entered in the "Accession Book."  
 Give short title of publisher and place, thus: "Macmillan's, London."  
 Give the date of publication—the year.

Under "Source," use any brief expression to indicate from whom the book was obtained. Put a letter "g" (gift) under the head of "cost" when necessary.

Under "Remarks," make such entries as the following: "Lost 3 Jan, 1903"; "Missing 18 Apr, 1903"; "Given in exch for No. 47"; "Rec'd in ex. for No. 12"; "Worn out and withdrawn (date)"; "Replaced by No. 123," &c.

(7)

THE CARD CATALOGUE AND LOAN RECORD.

There must be a record of the loans of books, and each book must be loaned by the librarian to a reader (not by one reader to another), so that the library may receive due credit for the number of readings or issues of the books.

The system of loan records prescribed is the "Card system," briefly described as follows:

There must be a card cut exactly three by five inches for each book in the library, having on the five inch top line a place for the "No." ( $\frac{1}{2}$  inch), "Class" ( $\frac{1}{4}$  inch), "Author" (2 inches—surname first), "Title" ( $2\frac{1}{4}$  inches).

Under this line may be nine or ten horizontal lines, which should be divided into two equal parts by a strong vertical line, each part to be again divided into three columns under the following heads: "Date lent" ( $\frac{1}{2}$  inch), "Borrower's name" ( $1\frac{1}{2}$  inches), "Date returned" ( $\frac{1}{2}$  inch). This will give room for 18 or 20 records of borrowing; and as the lines can be continued beyond the bottom of the card to the other side, it will contain space enough for about 40 borrowings of the books, one nearly for each week of the school year. In dating, the months should be indicated by only one or two letters Ja.—January, Je.—June, Jl.—July, etc

If the book is borrowed so seldom that the card will do for two school years a red line should be ruled to separate distinctly the record of the previous school year from that of the current year. This will enable the librarian to count up the number of the "issues" of each book for the yearly return, readily and accurately.

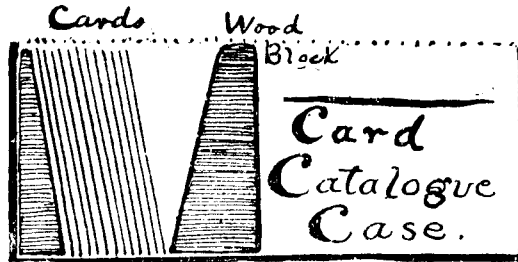
The card will look somewhat like this:—

Book.	Class.	Author:		Title:	
47.	E.	Dickens, C.		Christmas Carol.	
Date lent.	Borrower's name.	Date returned.	Date lent.	Borrower's name.	Date returned.
1903.					
Jan. 18.	John Smith .....	Jan. 25.	.....	.....	.....
Feb. 3.	Alice Jones.....	Feb. 10.	.....	.....	.....
Mar. 1.	Fred Adams .....				
.....	Jane Clark.....				

This card shows that Charles Dickens' "Christmas Carol" was issued to John Smith for a week, from January 18th to 25th, when it was returned; issued to Alice Jones from February 3rd to 10th; and to Fred Adams on March 10th, not yet returned. Jane Clark's name is entered to show that the book was promised her when returned by Fred Adams, the "date lent" not to be filled in until it is issued to Jane Clark.

The cards should be kept in a neat wood or pasteboard box, five inches wide and about three inches deep, with the Author and Title uppermost, arranged always strictly in the alphabetical order of the names of the authors, and the books of each author likewise arranged in the alphabetical order of the Title.

While the breadth of the inside of the card box should be five inches, or just a little more, in order to allow the cards to be moved without friction, the length will depend on the number of cards which might in the future be expected to be required. It is recommended to have the card box several inches long, if a large library is expected in a few years, the vacant space of which can have a neat block of wood which can be moved up to the cards so as to keep them standing. It will be an advantage to have the face of such block against the cards slightly sloping instead of vertical, so that when in contact with the base of the card, the finger can tilt the top of the card a half an inch forward so as to expose the name of the author and title to view. It is also preferred to have a similar wedge-like block at the back of the cards, so that they will not be resting vertically on edge, but tilted back slightly, thus making the "author and title" more easily visible when fingering for the required card. Side view of such a box :



Neat card catalogue boxes containing 100 cards and the prescribed labels are being prepared by a Halifax publisher at a retail cost not to exceed twenty-five cents.

Whenever a book is given out the entry is to be made on the card as already indicated; and when it is returned care must be taken to mark the card before the book is placed in the case, where it should be arranged in the same alphabetical order as the card in its box.

An asterisk or star should be placed over the name of each adult borrower, so that the number of these may be readily picked up by running the eye over the cards. The teacher, parents and ratepayers of the section shall have the privilege of using the library; and the number of issues of books to adults will therefore be an interesting and important item of information for the educational authorities as well as for general public. This information has to be given in the "annual return."

(8)

## CLASSIFICATION.

The books shall be divided into the following twelve classes, the statistics of which must be given separately in the annual return. To make such a report possible and easy the letter indicating the class should be entered on each book and card near its No. :

- Class A.—*Scientific* (including all books ranging from elementary nature study to the application of science to the arts and industries, such as Agriculture, Forestry, etc.)
- B.—*Travel and Description.*
- C.—*Biography.*
- D.—*History.*
- E.—*Fiction.*
- F.—*Poetry.*
- G.—*Fine Arts* (Music, Drawing, Painting, etc.)
- H.—*Miscellaneous* (Literature which cannot come under the foregoing or following classes, such as Mythology, Childrens' Stories, &c.)
- J.—*Books of Reference* (Dictionaries, Cyclopedias, Gazetteers, Atlases, Year Books, School Law, Journals and Reports on Education, etc.)
- K.—*Blue Books* (all government and municipal reports, publications, etc., not in J.)
- L.—*Periodicals.*
- M.—*Readers for Supplementary Reading in School.*



## (10)

## HOW TO GET THE LIBRARY GRANT.

The teacher should give notice of the intention to compete for the larger or smaller Library grant when intimating the opening of the school to the inspector. Where no library has yet been organised, such intimation should be given as early as possible; but the equipment should be complete at the end of January, and the facts fully stated and certified on the blank half sheet of the semi-annual return of the school in February. An informal statement of the competition for the smaller or larger grant should be made by every teacher competing, as a notification to the inspector. Without such notice endorsed on the semi-annual return no claim for the grant can be maintained.

The Library grants shall be paid with and in addition to the regular Provincial Aid at the end of the school year, provided the Regulations foregoing and the instructions issued from time to time from the Education Department have been fully complied with, provided the special Library Return accurately made out has been sent to the inspector with the regular annual returns of the school; and provided the inspector whose special duty it shall be to examine and vouch for the correctness of the returns and the deserving character of each school library in his jurisdiction, endorses the Library and other "returns" of the school with his approval and recommendation.

## (11)

## PROVISIONAL CATALOGUE.

[The following catalogue is merely provisional. It contains the titles of books suitable for pupils, parents, teachers, and students. The Superintendent of Education will be glad to receive suggestions from teachers, students, publishers, etc., as to *additional* books to be put on the list as well as to the *withdrawing* of those superceded by better publications; so that within another year a more complete and better classified catalogue may be issued.

No *Supplementary Readers*—class M—are at present recommended. Regulation 173 will cover any possible demand for them, as Regulation 172 will cover any demand for other books not on this catalogue.

Books recommended in the course of study, and to teachers in Regulation 170, and in the JOURNAL OF EDUCATION specially, are also to be considered as authorised for school libraries.]

## A

Hodge,	Nature-Study and Life, Ginn & Co .....	\$1 50
Wilson,	Nature-Study in Elementary Schools, Morang & Co .....	90
Lange,	Hand book of Nature-Study, Morang & Co .....	1 00
Scott,	Nature-Study and the Child, Heath & Co .....	1 50
Jackman,	Nature-Study for Common Schools, Holt & Co .....	1 20
Crawford,	Guide to Nature-Study, Copp, Clark Co .....	90
Bailey,	The Nature-Study Idea, Doubleday, Page & Co .....	1 00
Brittain,	Nature Lessons, Macmillans, St. John .....	50
McLeod,	In the Acadian Land, Bradlee Widden .....	75
Warren,	From September to June with Nature, Heath & Co .....	35
Grant Allen,	In Nature's Workshop, Briggs .....	1 25
Lubbock,	Beauties of Nature, Macmillan Co .....	45
Apgar,	Trees of the Northern United States, Am. Bk. Co .....	1 90
Matthews,	Familiar Trees and their Leaves, Appleton & Co .....	1 75
Sargent,	Corn Plants, Houghton, Mifflin & Co .....	60
Atkinson,	First Studies in Plant Life, Ginn & Co .....	60
Dana,	How to Know the Wild Flowers, Scribners .....	2 00
Blanchan,	Nature's Garden, Doubleday, Page & Co .....	3 00
Atkinson,	Mushrooms, Andrus & Church .....	3 00
Coulter,	Plant Relations, Morang & Co .....	1 10
"	Plant Structures, " " .....	1 20
"	Seed Dispersal, Ginn & Co .....	40
Beal,	Ten New England Blossoms, Houghton, Mifflin & Co .....	1 25
Weed,	Weeds of Ontario, Ont. Dept. Agr. ....	Free
Harrison,	Nature and Work of Plants, Morang & Co .....	80
Macdougall,	Fungi and Fungicides, Orange, Judd & Co .....	1 00
Weed,	Short Stories in Botany, Crowell & Co .....	80
Cooper,	Guide to the Study of Lichens, Bradlee Whidden .....	1 50
Schneider,	The Teaching Botanist, Macmillan & Co .....	1 10
Ganong,	Plant Physiology, Holt & Co .....	1 00
"	Fungi, International Science Series .....	5/0
Cooke & Berkeley,		

Jordan & Heath,	Animal Forms, Appleton Co.	\$1 25
Jordon & Kellogg,	Animal Life. " "	1 25
Burroughs,	Squirrels and other Fur Bearers. Houghton, Mifflin & Co.	1 00
Arnold,	The Seaside at Ebbtide, Century Co.	2 40
Thompson,	Animals I Have Known, Morang & Co.	2 00
"	The Lives of the Hunted, " "	2 00
"	Cragg and Johnny Bear, S. Sons	60
Long,	Ways of the Woodfolks, Ginn & Co.	50
"	Wilderness Ways, Ginn & Co.	45
"	Secrets of the Woods, Ginn & Co.	50
Thoreau,	Walden, Scott.	1/6
Chapman,	Bird Life, Appleton & Co.	5 00
Blanchan,	Bird Neighbors, Doubleday, Page & Co.	2 50
Merriam,	Birds of Village and Field, Houghton, Mifflin & Co.	2 50
Lange,	Our Native Birds, Morang & Co.	1 00
Nash,	Birds of Ontario in Relation to Agriculture, Toronto	Free
Poynitz,	Aunt May's Bird Talks, Ed. Pub. Co.	50
Fowler,	Tales of the Birds, MacM. & Co.	1/6
Long,	Fowls of the Air, Copp, Clark & Co.	\$1 75
Dugmore,	Birds Homes (Nests, Eggs, etc.), Pub. Synd. Toronto.	2 00
Packard,	Entomology for Beginners, Holt & Co.	1 50
Comstock,	Insect Life, Morang & Co.	1 25
Howard,	The Insect Book, Doubleday, Page & Co.	3 00
Morley,	Bee People, McClurg & Co.	1 25
Maeterlinck,	The Life of the Bee, Dodd, Mead & Co.	1 40
Comstock,	Ways of the Six-footed, Ginn & Co.	40
Holland,	The Butterfly Book, Doubleday, Page & Co.	3 00
Scudder,	Every Day Butterflies. Houghton, Mifflin & Co.	2 00
Weed,	Insects and Insecticides, Orange, Judd & Co.	1 50
Humphreys,	Insect Ways, Blackie	25
Lubbock,	Origin and Metomorphoses of Insects, Scribners.	1 00
Bayliss,	Life in the Still Waters, Scribners	60
Hartwig,	Denizens of the Deep, Longmans, Gr. & Co.	2/6
Miller,	The Brook Book, Copp, Clarke Co.	\$1 25
Frye,	Brooks and Brook Basins, G. & Co.	60
Huxley,	The Crayfish, International Science Series.	5/0
Jordan & Evermann,	American Food Game Fishes, Briggs	\$4 00
Walton & Cotton,	The Angler, Warne	75
.....	The Science Primers, Macmillan Co. Each	30
.....	Guides for Science Teaching, Nos. I to XV., Heath & Co.	.....
.....	Illustrated Guide Books to facilitate the study of Natural History:	.....
.....	1, Trees; 2, Ferns; 3, Butterflies; 4, Beetles; 5, Moths; 6,	.....
.....	Fresh Water Fish; 7, Frogs and Snakes; Bradlee Whidden.	.....
.....	Each.	50
McAlpine,	Biological Atlas, 423 col. fig., Johnston	7/6
"	Zoological Atlas (anatomy of Invertebrates), 249 fig., Johnston	15/0
"	" (anatomy of Vetebrates), 231 fig., "	15/0
Huxley, &c.,	Practical Biology (latest ed.), Macmillan & Co.	7/6
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Stokes,	Microscopical Praxis, Bigelow (Portland Conn.)	1 00
"	Aquatic Microscopy for Beginners "	1 00
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Tarr,	Elementary Geology, Macmillan & Co.	1 40
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Kemp,	Handbook of Rocks, VanNostrand	1 35
Chewett & Canniff,	Pocket Manual of Mining, Copp, Clark Co.	1 00
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E

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Gazeteer of the World, Lippincot	
McLeod, Markland—Nova Scotia, Mark. Pub. Co	\$3 00
Dawson, Geology of Nova Scotia, N. B. and P. E. I., MacMillan & Co.	6 30
Gray, Manual, Am. Bk. Co.	1 80
Britton & Brown, Illustrated Flora, 3 vols., Scribner	9 00
Britton, Manual, Holt	2 25
Percival, Agricultural Botany, Duckworth & Co.	3 25
Massee, Text Book of Plant Diseases,	1 60
Jordan, Manual of the Vertebrates, McClurg	2 50
Chapman, Handbook of Birds, Appleton	3 50
Cones, Key to N. American Birds, Estes & Lauriat	7 50
Comstock, Manual for the Study of Insects, Ithaca	3 75
Mivart, The Cat, Scribner	
Chauveau, Comparative Anatomy of Domesticated Animals, Appleton	6 00
Bailey, Cyclopædia of Am. Horticulture, Virtue & Co	20 00
Saunders, Insects injurious to Fruits, Lippincott & Co	3 00

**THE DUTIES OF THE SCHOOL TEACHER IN THE COMBAT OF TUBERCULOSIS AS A DISEASE OF THE MASSES.**

The following paragraphs are taken from a lecture delivered before the Teacher's College of the Columbia University of the city of New York, 25th February, 1903, by S. A. Knopf, M. D., of New York City Hon. Vice-President of the British Congress on Tuberculosis, etc., etc.

The subject is so important, and the authority so weighty, that the full lecture would be republished, were the JOURNAL not already too large.

These extracts are full enough, however, to give an outline view of the subject as a whole, and special directions which every teacher should observe.

Candidates for the M. P. Q examination, or preparing for graduation from the Normal School may be examined upon them. And all teachers are expected to be able to demonstrate their knowledge of the subject before the Inspector on the occasion of his inspection.

As to the prevalence of tuberculosis, particularly in its pulmonary form, I cannot say anything which is not known to every intelligent man and woman. In fact, we have accustomed ourselves to the high deathrate from pulmonary tuberculosis, considering it as something inevitable. The recent great disaster at Martinique, in which 30,000 people died almost in an instant, caused the deepest sympathy and a just commotion throughout the civilized world, yet the annual tribute of the United States in pulmonary tuberculosis is over 100,000. Each year the world yields up 1,095,000, each day 3,000, each minute two of its people, as a sacrifice to this plague. Of the 80,000,000 individuals now peopling the United States more than 10,000,000 must inevitably die of this disease if the present ratio is kept up. According to some statisticians every sixth, and according to others, every seventh death is due to tuberculosis.

Pulmonary tuberculosis, or consumption, is a chronic, infectious and communicable disease, caused by the presence of the tubercle bacillus, or germ of consumption in the lungs. It is locally characterized by countless tubercles, that is to say, small rounded bodies, visible to the naked eye. The bacillus of tuberculosis is a minute organism in the shape of a cylindrical rod, visible with a high power microscope only after certain staining reagents have been applied to it. This microorganism, belonging to the order of schizomycetes or fission fungi, in the lowest scale of vegetable life is the specific microbe of tuberculosis; without its presence there is no tuberculous disease. This parasite not only gradually destroys the lung substance through ulcerative processes, but at the same time gives off certain poisonous substances called toxins, which give rise to various, and often serious symptoms.

The important symptoms of pulmonary tuberculosis are cough, expectoration, fever—especially in the evening hours—difficulty in breathing, pains in the chest, night-sweats, loss of appetite, hemorrhages, and emaciation. In the matter expectorated it is often possible to find the tubercle bacillus.

How may this germ of tuberculosis enter the human system?

There are really three methods whereby this germ may enter, namely, by inhalation, that is, being breathed into the lungs; by ingestion, that is being eaten with tuberculous food; and by inoculation, that is, the penetration of tuberculous substance through a wound in the skin. Let us treat first the most frequent method of the propagation of tuberculosis, namely, that arising from the indiscriminate deposit of tuberculous sputum. A consumptive individual, even at a period when he is not confined to his bed, may expectorate enormous quantities of bacilli. By careful observers it has been estimated to amount in some individuals to about 7,000,000,000 per day. Now, if the expectoration, or spittle, is carelessly deposited here and there, so that it has an opportunity to dry and become pulverized, the least draught or motion in the air may cause it to mingle with the dust, and the individual inhaling this dust-laden atmosphere is certainly exposed to the danger of becoming tuberculous if his system offers a favorable soil for the growth of the bacilli. By "favorable soil for the growth of the bacilli" must be understood, any condition in which the body is temporarily or permanently enfeebled. Such a condition may be inherited from parents, or acquired through alcoholism or drunkenness, or other intemperate habits, through privation or disease.

Beside the danger arising from carelessly deposited sputum or spittle the inhalation or ingestion of the small particles of saliva which may be expelled by the consumptive during his so-called dry cough, when speaking quickly or loudly, or when sneezing, must also be considered as dangerous for those who come in close contact with the invalid.

Alcoholism must be considered the greatest enemy of the welfare of a nation, the most frequent destroyer of family happiness, too often the cause of the ruin of mind and body, and certainly the most active cooperator of the deadly tubercle bacillus.

To combat alcoholism (drunkenness or intemperance) education is required above all. Extreme prosecution and fanatical laws will do little good. From early childhood the dangers of intemperance and its fearful consequences should be taught. In schools and at home the drunkard should be pictured as the most unhappy of mortals. Alcohol should never be given to children, even in the smallest quantities.

In families in which there is a fear of hereditary transmission of the desire for strong drink, even the mildest alcoholic drinks should be absolutely avoided. It would also be best if all people so predisposed, or who may have acquired only the occasional desire for drink, should never smoke, for experience has taught that attacks of dipsomania (periodic sprees) are often caused by an excessive use of tobacco. The young man starting out in life should take with him the moral training which will enable him to be a gentleman, and be considered a polite gentleman, though he absolutely refuses ever to enter a liquor saloon in order to treat or be treated to drink. It is this treating habit—alas! so prevalent in our American society—which has ruined many a young man and made him a moral and physical wreck. Think of it, young ladies and gentlemen, you the future teachers of our boys and girls, what a glorious mission you have in thus combating two diseases of our masses—alcoholism and tuberculosis—at the same time.

There is another point I wish to emphasize in regard to alcohol and tuberculosis, and that is the idea that alcohol is a specific, or even a remedy for consumption. There has never been a greater mistake made. Alcohol has never cured and never will cure tuberculosis. It will either prevent or retard recovery. It is like a two-edged weapon; on one side it poisons the system, and on the other side it ruins the stomach and thus prevents this organ from properly digesting the necessary food. Truly pathetic are the results of this erroneous doctrine in the families of the poor, where instead of procuring good nourishment for the invalid, liquor has been bought in far too large quantities, so that often there was not enough money left for food for the sufferers nor for the other members of the family.

The individual enfeebled by disease, such as typhoid fever, grip, etc., should lead a particularly careful life and avoid crowded meeting places and all localities where the air is vitiated and where he is in danger of coming in contact with careless or ignorant individuals who expectorate everywhere. The man who has a trade, such as the printer, tailor, bookkeeper, or other workers whose occupations are more or less predisposing to tuberculosis, can counteract this tendency by leading a sober life, and when not at work, spending as much time as possible in the open air, by breathing deeply and keeping the body in a thoroughly good condition through regular bathing and judicious exercise.

What I have said so far of the causes and prevention of tuberculosis is knowledge which seems to me should be possessed by every person, but you future teachers should be particularly posted on the minute details, so that you may not only practise them for your own self-protection but also preach them, not only as teachers but also as friends of all the unfortunate.

Thus, if you are perchance in the presence of a consumptive who is not yet under medical care, teach him what you know of the prevention of the disease, and advise him to seek the counsel of a competent physician. No tuberculous invalid, no matter in what stage of the disease, whether living in a palace or in the poorest tenement house, should be without a medical adviser. If you meet a consumptive who is ignorant of the precautions he should take, do not shun him like a leper, but treat him with kindness and convince him that whatever he does to prevent the spread of disease among others will also improve his own condition and increase the chances of his recovery. Let me tell you that a clean conscientious consumptive is as safe a person to associate with as anybody.

Now let me come to some of the particular duties devolving upon you as teachers in the combat of tuberculosis as a disease of the masses. You should teach and practise love for fresh air. Your pupils should learn to love fresh air as much as you do and take this love for fresh air home with them.

There should always be ample ventilation in your classrooms. The vitiated atmosphere in the classroom is as pernicious to you as it is to the children under your charge. There is too great a tendency in the present age to develop the intellect of our children to the detriment of their physical welfare. While all the organs of the body should be developed, the lungs particularly should be given opportunity to develop to a greater advantage. I would suggest that breathing exercises should not only be given now and then, but that they should form an important item in the curriculum of all the schools. I do not believe that there is any better, greater, and more efficacious barrier to becoming consumptive than a good pair of lungs, and it would seem to me that it should not only be a great duty but also a great privilege and pleasure to make out of a weak-lunged child, who may be predisposed to tuberculosis, a strong and vigorous man or woman.

I do not know what system of breathing exercises you have been taught, but if you will permit me I will demonstrate to you those which I have found most valuable.

In front of the open window, or out of doors, assume the position of the military "attention," heels together, body erect, and hands on the sides. With the mouth closed take a deep inspiration (that is, breathe in all the air possible), and while doing so raise the arms to a horizontal position; remain thus holding the air inhaled for about three to five seconds, and while exhaling bring the arms down to the original position. This act of exhalation or expiration, should be a little more rapid than the act of inspiration. When this first exercise is thoroughly mastered and has been practised for several days, one may begin with the second exercise, which is like the first, except that the upward movement of the arms is continued until the hands meet over the head.

The third breathing or respiratory exercise, which requires more strength and endurance, should not be undertaken until the first two have been practiced regularly several times a day for a few weeks, and until an evident improvement in breathing and general well-being has been observed. Take the same military position of "attention," and then stretch the arms out as in the act of swimming, the backs of the hands touching each other. During the inspiration move the arms outward until they finally meet behind the back. Remain in this position a few seconds, retain the air, and during exhalation bring the arms forward again. This somewhat difficult exercise can be facilitated and be made more effective by rising on the toes during the act of inhalation, and descending during the act of exhalation.

Of course, when out of doors one cannot always take these exercises with the movement of the arms without attracting attention; under such conditions raise the shoulders, making a rotary backward movement during the act of inhaling; remain in this position holding the breath for a few seconds, and then exhale while moving the shoulders forward and downward, assuming again the normal position. This exercise can easily be taken while walking, sitting or riding in the open air.

Young girls and boys, and especially those who are predisposed to consumption, often acquire a habit of stooping. To overcome this the following exercises can be recommended. The child makes his best effort to stand straight, places his hands on his hips with the thumbs in front, and then bends slowly backward as far as he can during the act of inhaling. He remains in this position for a few seconds, while holding the breath, and then rises again somewhat more rapidly, during the act of exhalation.

Few people have a just estimation of the value of these exercises. From your studies in physiology you will remember that the amount of tidal air—that is to say, the volume which is inspired and expired in quiet respiration—is only 500 cc., the complimentary air, the volume which can be inspired after an ordinary respiration, 1,500 cc., and the supplemental air or reserve air, the amount which can be forcibly expelled after an ordinary respiration, amounts from 1,240 to 1,800 c.c. Thus one can readily appreciate the effect of these exercises on the physiologic action of the lungs by increasing the supply of oxygen and more effectually removing the carbonic acid ( $\text{CO}_2$ ). You will remember that these interchanges of gases in the lungs result in the conversion of venous into arterial blood. The scientific name for this process is hematosis.

The following general rule concerning breathing exercises should always be remembered: Commence with the easier exercises and do not begin with the more difficult ones until the former are completely mastered. For healthy school children I would suggest to take from six to nine deep respiratory exercises, either of one kind or the other, every hour.

A second general rule is never to take these exercises when tired, and never to continue them so long as to become tired. It is, of course, self-understood that these exercises should always be taken in an atmosphere as pure, fresh and free from dust as possible, and that no restricting garments around the waist or neck should be worn. You as teachers should know that constricting the chest or abdomen will often leave lasting injuries to the vital organs incased in the thoracic and abdominal cavities.

Mouth-breathing in children, and sometimes in adults, is often caused by certain growths in the throat (adenoid vegetation), by enlarged tonsils, or by growth in the nose (polypi, etc.) The removal of these obstruction by surgical aid is perhaps the only rational method to assure natural breathing. Incidentally, we may be permitted to say that these operations are not at all dangerous; but by the presence of these vegetations in the throat (retropharynx) the hearing and the intellectual and bodily development of the child may become seriously impaired. The early removal of such growths should be earnestly recommended. If you observe among your pupils a chronic mouth-breather call the attention of the school physician or the parents to the child's condition, and explain to the parents the danger of neglect in this matter. The respiratory exercises just described are particularly useful for such children after operation, otherwise they often retain the habit of imperfect breathing which they had acquired.

In teaching the children under your charge how to breathe, sit, stand, and walk properly, you teachers do perhaps more toward the prevention of tuberculosis than all we physicians together. I would love to see singing and outdoor recitations at proper seasons incorporated in the curriculum of every school in city or country, and city schools should have commodious roof-gardens for the purpose. Wherever there is a play ground it should be kept clean, as free from dust as possible, and be daily strewn with clean sand or gravel. Children should be warned not to expectorate on the playground, and adults should be severely punished by law for so doing.

The breathing exercises at school should, of course, be supervised by teachers. Modern school hygiene is far superior to what it has been in the past, yet there is still room for improvement, so far as the prevention of tuberculosis is concerned, permit me to suggest to you the advisability of giving the children leaflets of instruction. I know this practice to be vogue in some schools in this and other States, but those I have seen seemed rather incomplete. Let me give you here a tentative leaflet which I have written with the particular view of preventing consumption.

Every child and adult can help to fight consumption. School children can be helpful by complying with the following rules:

Do not spit, except in a spittoon or a piece of cloth or a handkerchief used for that purpose alone. On your return home have the cloth burned by your mother, or the handkerchief put in water until ready for the wash.

Never spit on a slate, floor, sidewalk or playground.

Do not put your fingers into your mouth.

Do not pick your nose or wipe it on your hand or sleeve.

Do not wet your finger in your mouth when turning the leaves of books.

Do not put pencils into your mouth or wet them with your lips.

Do not hold money in your mouth.

Do not put pins in your mouth.

Do not put anything into your mouth except food and drink.

Do not swap apple cores, candy, chewing gum, half eaten food, whistles, bean blowers or anything that is put in the mouth.

Peel or wash your fruit before eating it.

Never cough nor sneeze in a person's face. Turn your face to one side and hold a handkerchief before your mouth.

Keep your face and hands and finger-nails clean; wash your hands with soap and water before each meal.

When you don't feel well, have cut yourself, or have been hurt by others, do not be afraid to report to the teacher.



## THE LEAGUE OF THE EMPIRE.

On pages 80 to 83 of the April JOURNAL some information respecting the work of this League was given, with communications from the Hon. Secretary and Major-General Campbell Hardy. This information is further supplemented below, with the addresses of those who can give detailed information by circulars or letter.

The Hon. Secretary, Mrs Ord Marshall, 11 Dartmouth St., Victoria St., S. W., London, wrote on the 1st of July as follows:—

I have to thank you most cordially for your kind letter. We have already sent you our general papers, both as to the individual correspondence between members of the league and the further matter of school linking.

We feel both with schools and members that if in this mutual correspondence the work is made to tally it at once becomes more interesting and of greater educational value.

The important thing to remember we felt was to put no extra work on the schools, but rather merely to organize the exchange of what would in any case be done.

Many schools keep Nature Calendars. Our committee then suggest that a school should be linked to Great Britain, to South Africa, to Australia, or any place chosen, and this Nature Calendar be exchanged, the school thus drawing up for itself not only nature conditions in its own land, but those in any part of the Empire that it desires.

In the same way with Vacation Diaries. Many of our schools keep these, and it is interesting for a child to draw up the conditions of the long vacation throughout the Empire.

As regards Paragraph 4, Essays on Common Trees; 5, Essays on Common Buds; 9, Collections: We propose in the next issue of this scheme to put alternative subjects, so that more choice is left to schools.

You will of course see these are only a set of suggestions. Any schools linked can make any mutual arrangement they desire, and of course any advice you may be good enough to give us from time to time shall receive our immediate attention.

I enclose Proof copies of this Nature Study Scheme:

It is No. 1 of a set of Schemes, on any one of which a school wishful to be linked may make its exchanges.

No. 2 of this set I hope shortly to send you. Each Scheme is drawn up by a sub-committee composed entirely of experts on the particular subject. No. 2 is a History Scheme, by which we hope your schools linked to our Historical Societies, both in and out of schools may draw from our historical places much information—essays on historical buildings, towns, and portions of country—drawings of these, photographs and even collections for their museums, giving us in return much information of your conditions.

This paper is in the hands of Mr. Herbert Hall, secretary to the Royal Historical Society and also of the Record office. It will, before being sent out to you be laid before the Council of the Royal Historical Society, and I hope some of our most eminent men will serve on the committee. Professors W. K. F. Petrie, D. C. L., and Professor E. A. Gardner have already promised their services for the purpose.

Arrangements for No. 3, a geography paper, are now being made. We are doing the work through a set of Schemes, because we find that even in one school sometimes, 2 subjects are asked for. One school is now desirous of linking its upper school for History. The lower school for Nature Study.

With this set of different papers we hope we may provide for all. Now that these Schemes are becoming more developed you will possibly give us your criticism, and any advice you may be good enough to give us as to what arrangements you would suggest as the best for carrying out the linking with the least confusion. Much must be done in London, I think, for your schools ask equally for Great Britain and Australia as far as we have yet seen. Ours, so far, have asked principally for Canada.

The Nature Study Scheme can be sent out at once to those interested.

The following are two of the circulars referred to with the corresponding blanks for application. This publication will, it is hoped, put every teacher or pupil desiring to take advantage of this valuable scheme of instruction, in communication with the executive officers of the League, from whom can be obtained the circulars containing the terms of membership, the constitution and a sketch of the various advantages to be obtained from coöperation—and blank forms for application:—

## THE LEAGUE OF THE EMPIRE.

*Chairman of Central Committee*.....Sir Philip Hutchins, K. C. S. I.  
*Hon. Secretary* .....Mrs. Ord Marshall.  
*Hon. Treasurer* .....Col E C. Garstin.

## COMMITTEE ON NATURE-STUDY, INTERCHANGE OF SPECIMENS, &amp;C.

Mr. Hedger Wallace, *Chairman*.                      Mr. George Rose.  
 Mr. A. W. Jose.    Miss Clotilde Von Wyss.  
 Miss F. Rich.     Mrs. Ord Marshall, *Hon. Secretary*.

## SUGGESTED NATURE-STUDY SCHEME FOR LINKED-SCHOOLS—1903-4.

As it is desirable that schools and members of the league in correspondence with each other should work on similar lines, it is suggested that the following outline of work may, with advantage, be followed:—

1. The committee recommend that linked-schools and members should first exchange maps of their respective districts, and, where possible, photographs or drawings of their houses, of the school house, grounds and surroundings.

2. The committee consider that it is desirable for a working basis that the year should be divided into four periods.

- (a) The long vacation, whenever held.
- (b) From October to Christmas.
- (c) From February to April 30th.
- (d) From May to July 31st.

Linked-schools and members can mutually decide to take one, two or more of these periods.

3. During the year the committee would suggest that in the first period (a), the long vacation, whenever held, teachers should encourage their scholars to keep a diary which should note briefly what they did and what they saw. Selected examples of these diaries to be exchanged with corresponding schools.

4. During the second period (b), from October to Christmas, the committee would suggest that scholars be asked to write essays on "A few of the common trees in the locality of the school," stress being laid on the appearance of the trees at the time of writing. *The essays in all cases to be based on the personal observations of each scholar.* The best of these essays to be exchanged in the succeeding period.

5. The committee will also suggest that in the third period (c), from February to April 30th, the scholars be asked to write essays on "The habits of some of the common birds in their district," *which they have personally observed.* The best of these essays to be exchanged in the succeeding period.

6. In the fourth period (d), from May to July 31, the committee would suggest that scholars be asked to write a description of some industrial process, utilising natural products, which may be carried on in the neighborhood of the school. The best of these essays to be exchanged in the succeeding period.

7. The committee would suggest that the above themes may, where desired, be taken as alternative subjects in either of the periods (b), (c) and (d).

8. The committee would also suggest that a daily nature-calendar be kept in each corresponding school during the above mentioned periods (b), (c) and (d), on which should be recorded data *observed by the scholars*—such as daily temperature and rainfall, hours of sunshine, records of birds and beasts seen, first appearance of buds and flowers, &c. The calendar for any period to be exchanged in the succeeding period.

9. The committee would further suggest that in illustration of the essays on "A few of the common trees in the locality," collections may be made by schools of the leaves of these trees, showing seasonal changes and any peculiarities in structure, habits of growth, &c. It is advisable that these collections should be supplemented by photographs and drawings. The collections can be made at any time during 1903-4, and should be exchanged when completed.

The committee desire that each linked-school should at the end of the year report on the work done under this scheme. Forms for this purpose will in due course be provided.

Any further particulars may be obtained from

MRS. ORD MARSHALL,  
 11 Dartmouth St., Victoria St.,  
 S. W. London.

SCHOOL LINKING SCHEME.

FORM OF APPLICATION.

Name of School .....

Postal Address.....

Name of Headmaster or Mistress .....

Address (if not resident at the school) .....

Boys' or Girls' School.....

Secondary or Primary .....

Class from which Pupils are mainly drawn .....

.....

.....

Range of Pupils' Ages, between..... and..... years.

From what part of the world do you }  
wish to choose a linked school? }

Do you wish to be linked under Section I. or Section II. ? .....

For what purposes do you wish to be linked ? .....

.....

.....

Signature of Applicant .....

Return this form to

Mrs. Ord. Marshall, Hon. Sec., League of the Empire,  
11 Dartmouth St., Victoria St., S. W., London.

THE LEAGUE OF THE EMPIRE.

(Correspondence Branch).

The Comrade Correspondence Branch of the League undertakes to place Members in different parts of the Empire in communication with each other. In this work educational men and women are giving their assistance.

Through this Branch the League provides any Member so desiring with a correspondent of like age and tastes. Boys correspond with boys, girls with girls. In schools, both Secondary and Primary, the League opens Chapters for this purpose, and arranges that Members of such Chapters shall have Correspondents in different countries of the Empire. In addition to letters, picture post-cards, stamps, specimens of various kinds can be thus exchanged, whether for individual use or for School Museums. Letters thus received may, if desired, be exchanged between the different Members of a Chapter. Chapters are invited from time to time to meet the Chapters of other schools at Entertainments or Lantern Lectures on the Colonies, when interesting selections from the letters may be read and passed on to the Editor of the Magazine (which is shortly to be published) for wider circulation. Nearly 2000 Members of the League have already been placed in correspondence with each other.

All particulars may be obtained from Mrs HALDANE, Hon. Sec. for Correspondence Comrades, 4 St. Margaret's Road, Oxford, Eng.; and from Mrs. ORD MARSHALL, Hon. Sec. Central Committee, 11, Dartmouth St., Victoria St., S. W., London.

FORM OF APPLICATION FOR CORRESPONDENCE COMRADE.

Name.....

Address.....

School .....

Age.....

State whether Boy or Girl .....

Father's occupation .....

Mother's occupation .....

State from what part of the world you }  
 wish to choose your comrade ... }

State whether there is any subject, such }  
 as natural history or plant life, }  
 in which you are interested ... }

Name and address of Enroller }  
 or }  
 Signature of Parent or Guardian }

.....

Return this form to  
*Mrs. Haldane, Hon. Sec., 4, St. Margaret's Road,  
 Oxford, England.*

**A PRIZE FOR THE BEST ESSAY OFFERED TO THE PUBLIC SCHOOLS OF NOVA SCOTIA.**

The Halifax Branch of the Navy League is proposing to offer an annual prize—probably a medal—for the best essay on some subject bearing on the British Navy. The essays are to be written by those attending the public schools, the principal or teacher of each school selecting the best in the local competition for transmission to the Honorary Secretary before the first day of August. The competition will be open to all the schools in the Province.

The subject for 1904 will be, "The British Navy and its Value to Canada."

The Honorary Secretary to whom the Essays are to be sent for transmission to the committee of examiners, will supply any further information which may be necessary. His address is,

A. DEB. TREMAINE,  
 Honorary Secretary,  
 Navy League,  
 Halifax.

P. O. Box 572.



JOURNAL OF EDUCATION.

OCTOBER, 1903.

The full number of legal teaching days in the half year beginning 17th August last and ending 29th January next is 108.

CALENDAR, 1903-1904.

- |       |     |   |
|-------|-----|---|
| Aug.  | 17. | First Quarter of school term began.               |
| "     | 26. | Provincial Educational Association opened.        |
| Sept. | 7.  | Labour Day (holiday),                             |
| "     | 23. | Cape Breton Institute opened at Baddeck.          |
| Oct.  | 7.  | Provincial Normal School opened.                  |
| "     | 15. | Dominion Thanksgiving (holiday).                  |
| Nov.  | 2.  | Second Quarter of school term begins.             |
| Dec.  | 19. | Christmas Vacation begins.                        |
| Jan.  | 4.  | Public Schools re-open.                           |
| "     | "   | Class "A (c)," enters Normal School.              |
| "     | 28. | Class "D" graduates from Normal School.           |
| "     | 29. | First Half School Year ends.                      |
| Feb.  | 1.  | Third Quarter of school term begins               |
| "     | 3.  | Class "C" enters Normal School.                   |
| "     | 6.  | Last Day for "Returns" at the Inspector's Office. |
| Mar.  | 25. | Class "A (a)," graduates from Normal School.      |
| "     | 3.  | Class "A (d)," enters Normal School.              |
| "     | 7.  | "March" Annual Meeting of School Sections.        |
| Apr.  | 1.  | Good Friday (holiday).                            |
| "     | 19. | Fourth Quarter of school term begins.             |
| May   | 7.  | Arbor Day.  |
| "     | 21. | Empire Day.                                       |
| "     | 24. | Victoria Day (holiday).                           |
| June  | 24. | Provincial Normal School Closing.                 |
| "     | 28. | Regular Annual Meeting of School Sections.        |

## OFFICIAL NOTICES.

**DISTRICT SCHOOL COMMISSIONERS.**

(Appointed 20th May, 1903.)

- CAPE BRETON—Rev. Allen P. Shatford, North Sydney.  
Rev. John McKinnon, Mira Ferry.  
Rev. W. F. Fraser, Marion Bridge.
- HANTS EAST—Rev. A. V. Morash, Elmsdale.  
Rev. C. D. McIntosh, Gore.
- KINGS—Constantine Gaul, Dalhousie,  
Norman J. Bowlby, Aylesford.
- LUNENBURG—Adam Knickle, Heckman's Island.  
P. H. Ross, Lunenburg.
- CHESTER—A. M. Hebb, M. D., Chester.  
John A. Webber, “  
Edward Butler, “

(Appointed 23rd July, 1903.)

- PARRSBORO—Harvey MacAloney, Parrsboro.  
Edward Gillespie, “  
Martin Scanlan, Advocate.  
Horace W. McKenna, Parrsboro.
- VICTORIA—Murdoch J. McAskill, Little Narrows.

(Appointed 11th Sept., 1903.)

- GUYSBORO—F. C. Ward-Whate, Queensport.

**MARCH ANNUAL MEETING.**

Remember that henceforward the *first* Monday of March is the legal date of the meeting—not the last Monday as formerly. See amended regulation, page 145 preceding.

**DUPLICATE OF RATE ROLL FOR INSPECTORS.**

To enable Inspectors to test the accuracy of the facts in the returns, Trustees of schools are requested to send to the Inspector a duplicate of the rate-roll of the school section.

**FURTHER INFORMATION.**

Both teachers and trustees are referred to the previous two issues of the JOURNAL for other hints which should not need to be repeated. Attention is directed to the Nature-Study course on page 140, to the extracts from Dr. Knopf's address on "Tuberculosis and the Schools" on page 165, and to the work of The League of the Empire on page 169.

The Inspector will send *two* library returns to the principal of every school section in which any provincial grants beyond that of Class B is given; and also to every principal or teacher giving notice of intention to qualify for one of the Rural Library grants.

## NOTES AND COMMENTS.

## RURAL SCHOOL LIBRARY CARD CATALOGUE.

A card catalogue box, containing 100 cards, 100 gummed book labels and 2 "Accession" book labels (sufficient for 100 volumes), is supplied by T. C. Allen & Co., of Halifax, at twenty-five cents. The specifications are not copyrighted, so that any one is free to publish them and improve them if possible, while maintaining the dimensions and details prescribed.

## SCHOOL LIBRARIES.

On pages 152 to 165 preceding will be found the regulations. By establishing and conducting a good library in a rural school section, a class "D" teacher will draw, between his provincial and library grants, not only the full original grant of class "D" at its maximum, but a considerable sum more. In other words, where the teacher and the community make a proper effort, the provincial grant will be greater than ever it was, while the section will have the advantage of a considerable amount of good reading.

In incorporated towns, and all sections having a department drawing superior school grants, or any grants beyond the regular ones of classes D, C, and B, teachers are required to make a return of their libraries although not receiving a library grant. This grant is a special aid, therefore, to the rural school in which there is true educational life.

It is hoped that teachers in all schools, while demonstrating to their pupils the kind of literature which should be read with present enjoyment and future advantage, will also wisely guard them from falling into the habit of reading not only injurious but useless literature. There is so much good, delightful and useful reading in the world, so cheap, that reading anything else is tragical in its folly.

## SUPERIOR SCHOOL LIBRARIES.

As many of our Academies and other high schools have already established libraries of considerable magnitude with a good system of recording and loaning, it is not required that they should at any inconvenience change their old system.

It will be necessary, however, for them to fill in the regular library return; for which purpose estimates can be readily made with a sufficient degree of approximation to the facts. It is desired to give in the statistical tables an accurate presentation of all the library work done in connection with the public schools of the province.

## RURAL LIBRARY SETS.

In the near future if it is deemed desirable, \$50 and \$100 sets of books for rural libraries may be recommended. But the variety of selection made from a large catalogue may prove more valuable; for it will enable libraries to exchange volumes after they are generally read with those of a neighboring school section.

In rural districts people have a great deal more time to think than in towns or cities as a rule. In fact, one of the disadvantages of the country is the isolation and loneliness. But this furnishes one of the best conditions for thoughtful reading. Good reading is thus the most convenient panacea for rural loneliness; and the loneliness is the best stimulus for reading which requires thought and develops mind. This element has no doubt something to do with the greater mental power as a rule developed in rural than in urban environments. A small case library of good books in a rural community is likely to be of more value to the development of the country than a whole alcove in the city. A good rural library is a rural university, and the winter evenings can be converted into a respectable university course. In a consolidated school of five or six school sections, each family

would on the average be able to obtain by sectional assesment the reading of the best books for less then the one-hundredth part of their cost ; their children could exchange the books for them on any day without any extra pilgrimage ; and the comparative isolation of the families would give unusual opportunities for the use of the books, with great advantage to the morals of the people during idle times.

### COMMERCIAL COURSE.

The School Board of Halifax is arranging to take advantage of the general prescription of the C. P. I. authorizing the introduction of optional and new subjects in the high school curriculum to supply a local want. A commercial group of subjects is now being formed which will include more advanced book-keeping, the outlines of commercial law, economics, civics, stenography (the Sir Isaac Pitman System), and typewriting. It is about time that the metropolis took a step in this direction, when we consider its large staff of teachers and the large local demand for such a course of instruction.

### PHONOGRAPHY.

The leading public school work in this subject has been done so far in the Trenton (Pictou Co.) schools, under the direction of its late principal, Mr. W. W. Herdman. It was introduced not only in the high school grades, but in the higher common school grades ; and a public demonstration of the work done was given in the educational department of the Provincial Exhibition, Halifax, and of the Pictou County Exhibition. Mr. Herdman's testimony to the experiment was briefly expressed as follows : " Besides the fact that the pupils acquired a new art, which can be made infinitely useful in itself, I found that the study and practice of shorthand corrected their punctuation, produced a neatness which improved their longhand, and developed an ability of noticing detail, which I am sure will aid them in nature study and such subjects as physics, chemistry, botany, and the like, in the higher grades." Rev Geo. S. Carson, M. A., of Pictou, who is perhaps the leading Nova Scotian reformer in this department, says " Mr. Herdman's experience is a practical illustration of a view which I have often expressed, that Phonography has a decided educational value apart altogether from its technical utility." Halifax city, once it starts on this course, will soon probably lead the province in this department.

### SHORTHAND CERTIFICATES.

Three grades of certificates in the Sir Isaac Pitman Phonography can be written for in this country under a deputy examiner approved by " Sir Isaac Pitman & Sons, Bath, England." As specified in the October JOURNAL of 1901, they are known as follows :

Third Class or Elementary Certificate

Second Class or Theory Certificate.

First Class or Speed Certificate.

Nova Scotian examinations will, probably, not be organized by the Education Department until there is a demand for it by a number of candidates. The Copp, Clark Co., Limited, Toronto, are Canadian agents for a very large number of the Sir Isaac Pitman Phonographic publications.

### VERTICAL AND SLOPING WRITING.

Everything else being equal, *vertical* writing is more legible than *sloping* styles. There is also evidence that it is more rapid. For the same reason, that our books, magazines and newspapers are preferred by the public printed with vertical letters instead of italics or sloping type, vertical writing is preferred by



all who have much correspondence or recording to deal with. There is a virtual consensus of the leading business establishments of the world in its favor; although as in every other department of human activity a few individuals by advertising other systems, or expressing personal peculiarities, may engross public attention.

The people of Nova Scotia were allowed to choose freely between the *vertical* and the *sloping*, with the advantage in favor of the latter of having all the beautiful writers of the present generation sloping writers to start with. The result has been the nearly complete neglect of the sloping system of copy books. The public verdict has been rendered, therefore, in Nova Scotia.

There is a tendency, however, for the vertical writing to degenerate into a "back slope," which when not written beautifully is more offensive than the forward slope.

To prevent this tendency and allow those who have faith in a little forward slope to demonstrate its value when not unduly exaggerated, the Council has prescribed *The Crown Royal Copy Books* instead of the old and little used *Royal Copy Books*. This new sloping system is known as the "Civil Service style" of Great Britain and may be characterized as semi-vertical. It is so near the vertical as to be nearly equally legible. Schools need not make any change until the old books are exhausted. The new book will be sold at five cents, whereas the old was always sold at not less than seven cents.

#### CONSOLIDATION OF RURAL SCHOOLS.

Seven rural school sections were consolidated with the Middleton school which had three teachers, on the 1st day of August. By the time of the opening of the schools at the end of the month eleven vans commenced to enter on the work of conveyance of the children of the seven sections to the central school. As the new consolidated school building will not be ready for occupation until the New Year, the old building and a few public halls were temporarily equipped as school rooms. The vans have been fulfilling expectations during September and October to date of writing. The transitions from mud to ice and *vice versa*, are the occasions for the critical tests, however.

For cheap conveyance there are too many sections united, some of the vans having to traverse a distance of five or six miles. We expected to have been able to reproduce photographs of these vans, and some of the Middleton school plans; but the engravers are not so prompt as expected. The cost of driving the vans for one year is estimated by the school board at \$5377.00. This does not include the original cost of the carriages, which range from \$120 to \$150 or more, counting freight.

This already indicates that the best results are to be had from the consolidation of a smaller number of sections. Where the conditions are such as to allow a whole school to be picked up by one van on a single road, the system will work more cheaply. It is expected that in future years competition will reduce the average cost of driving each van from \$489 to something very much less.

#### THE \$36,000 VOTE.

This will average \$2,000 to each county. As consolidation with conveyance of pupils is presumed to be true economy when everything is considered, it is not deemed a good principle to offer large grants for the first experiments. It is considered by most of the parties consulted that no more than \$1,000 should be granted to any single group. If more than \$1,000 is necessary to stimulate a group of sections to consolidate, how can we expect other groups to consolidate without any such special grant at all?

The Superintendent of Education was authorized to intimate that the following scheme was being considered. Subject to certain minor conditions, \$200 or \$250 might be granted to aid in building the consolidated school building, for each normal-sized rural section brought into the central one—the total in no case to exceed \$1,000. That means that a consolidation of two sections should receive \$200; of three, \$400; of four, \$600; of five, \$800; or of six, \$1000;—should the smaller sum of \$200 be taken as the unit. Such a plan might stimulate several larger or smaller groups in each county. It is generally maintained that a larger sum would be merely a big plum for some community, while it might depress rather than encourage general consolidation without any aid.

Groups first specifying an agreement to consolidate will be the first to be considered, as a matter of course.

### CONSOLIDATION WITHOUT CONVEYANCE.

Since the last school year both Inspectors and School Commissioners have already made a good commencement in several parts of the province in consolidating small sections so as to bring them up to the normal size in which conveyance is unnecessary—four miles in diameter. This year it is hoped the good movement may be still further accelerated in every quarter of the province.

### SCHOOL GARDENS.

No photographs of school gardens have yet been received for reproduction in these columns. Fair attempts have been made in many places, however. We have received a very interesting sketch of the rise, progress, and incidents in school gardening on an island in the Atlantic, off the coast of Lunenburg—Corkum's Island. Were the JOURNAL not already far in excess of its normal size, it might be profitable to quote a portion for the benefit of more favored school sections.

By next year, however, we shall have samples of the Sir William Macdonald School Gardens—*one* at the Macdonald Consolidated School at Middleton under the charge of Principal McGill; and *five* in the Macdonald nature-study group in the neighborhood of Truro under the direction of Percy J. Shaw, B. A. A pretty school garden is in existence in Truro, on the Normal School grounds. Now is the time for our indigenous gardens to come to the front; for within another year the exotic Macdonald gardens will be in bloom. The best photograph sent in will be reproduced in the April JOURNAL.

### THE NATURAL HISTORY OF NOVA SCOTIA.

From Regulation 51 (c) it can be seen that every good school is expected to have a collection, representing as far as possible the Natural History of the school section—the Geology, Mineralogy, Botany, Zoology, Archaeology (if it has any relics), History, etc., of the community. The formation of such collections will be even more educative than their simple possession afterwards. Children should develop into thoughtful men and women; and the school room is the place in which it is expected mental awakening should originate. The routine of mechanical drill has its place and its special value; but if there is nothing more, the school room will become a place to put *mind* asleep even should it develop good and methodical habits.

It is hoped, therefore, that teachers in addition to their daily object lessons will stimulate the pupils to make permanent collections of all kinds. Such collections will be of very great interest to visiting naturalists, from whom both teachers and pupils may incidentally receive much important instruction as well as the

names of many of the objects. The teacher would do well to endeavor to make a list of all rocks, minerals, plants, etc., known to be found in each section. This is a part of Nature-study and fits in well with the Phenological observations which have been carried on for years in so many schools with great success. ♪

### THE RHODES SCHOLARSHIPS.

The Memorandum of the Trustees of the Rhodes Scholarships is published on page 138 preceding. The examination is mainly a Classical one, designed for the young boys coming up from the English schools in the olden time. The other conditions of the scholarships for this Province will ensure on the part of our candidates, however, a maturity in years, physical development, and probably also incidentally in Mathematics and some other subjects, equal to that of the Oxford graduate; for it may be assumed that the candidates selected will have gone through our high school and university course as a rule. Indeed, the conditions imposed by Rhodes with regard to the character of the scholars, and the method by which the candidates capable of passing the Oxford Responsions are to be selected will give the clever college graduate the best chances.

The experiment is likely to be more than a fair one for the estimation of the value of the Oxford cult; for it will as a rule select the best men who should become great without the Oxford stamp. By drafting these men away, however, there will certainly be better chances of success for the next best men who will be left at home.

### HIGH SCHOOL V. ACADEMY.

A very worthy principal of a small high school complains, that a pupil whom he failed to pass on the County Academy entrance papers was admitted as a regular student in a County Academy. All that is necessary is to mention this fact, and principals of Academies will take care to guard their reputation by a strict conformity to the published regulations, even should the standards of different principals vary inversely as the popular reputations of their respective institutions.

### PROVINCIAL EDUCATIONAL ASSOCIATION.

The next convention is expected to be held in the Provincial Normal School, Truro, in August next, during the first week of the school term.

### DOMINION EDUCATIONAL ASSOCIATION.

The regular triennial convention of the Dominion Association will be held in Winnipeg—probably early in July.

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# JOURNAL OF EDUCATION.

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