

*Constructing of Roofs.*

Gable, hip, mansard, tie beam rafters, principal and common rafters, king post, strap, queen posts, arch track, straining beam, struts, purlin, determination of stresses in roofs, wind and snow pressure.

*Construction of Floors.*

Single floors, trimming, arch and joist, herring-bone truss, sound boards, double floors, binders, ceiling joists, framed floors, floor boards, square-edged, rebated, ploughed, tongued and dowelled.

*Partitions.*

Principles of construction, fire-proof, must form portion of carcass.

*Joinery.*

How distinguished from carpentry, mitre-joint, dove-tail joint, staircase, general construction, bracket staircase, dog-legged staircase.

*Fire-Proof Construction.*

Behaviour of various building materials under fire, fire-proof layers.

*General Arrangements.*

Cellars, drainage, sewerage connections, ventilation, traps, warming, water supply, ready egress in case of fire, doors opening outwards.

B and C—This section will be continued so as to embrace the designing of domestic buildings and of public buildings, for civil and military purposes.

SECTION IV.

*Estimating.*

Marks.....	{ Examinations.....	} 200
	{ Notes and Recitations.....	

(A)—*Methods of estimating quantities in buildings.*

Stone work, brick work, wood work, plastering, slating, shingling, painting, glazing.

APPENDIX F 15.

ROYAL MILITARY COLLEGE OF CANADA.

SUMMARY OF COURSE OF INSTRUCTION IN INFANTRY DRILL.

Total Marks..... 500.

1st Term.—Marks 200.—(Obligatory.)

Infantry drill, part I to III, field exercise, and part VII, including :  
Route marching.  
Mounting guard.