4. Make the proper Journal and Ledger entries for the following transactions:—

Invested in business—Cash, $1000; merchandize, $5000; a note for $500 in favor of John Jones, signed by Jas. White and endorsed by Wm. Brown, dated May 1st, 1885, at 90 days; an accepted draft for $450 drawn by E. Lordly on J. Duffus, June 1st, 1885, at 60 days, and accepted June 13th; F. Samuel's account, $720; real estate, $2500. Sold King Bros., merchandise as per invoice, $350; received in payment cheque on bank for $125 and their note for balance. Received from Black & Co., a consignment consisting of 100 bbls. Flour, invoiced at $4 per bbl.; paid freight on same, $75. Sold E. M. Brown 50 bbls. Flour, at $6.50 per bbl.; received in payment an order on Smith & Co. for $200, and cash for balance. Bought from A. G. Jones, 50 bbls. of Herring at $3 per bbl., for which I paid cash.

PHYSIOLOGY.

1. Define *muscle, tendon, nerve, vein, artery, tissue.*
2. Name and briefly describe the organs situated in the *thorax.*
3. State the course of the circulation of the blood, describing the *portal* and *hepatic* veins.
4. Describe the diaphragm and its relation to the chest and lungs.
5. What is the difference between *tidal* air and *stationary* air? Explain clearly how "each breath helps to purify the blood."
6. Explain what takes place when we experience a *sensation.*

SECOND-CLASS LICENSES. (Grade C.)

BRITISH HISTORY.

1. Write a note on the ancient and modern names of the countries embraced in the British Islands.
2. "He was a military adventurer rather than a King." To what English Sovereign is this statement applicable? Justify your answer.
3. Give a Genealogical table of the House of Stuart, tracing the descent of George I. and "The Young Pretender" from James I.
4. "The Seven Years' War:"—Date of commencement, contending parties, chief military and naval events, and results, with reference to English possessions?
5. Briefly state the following terms:—*Bretwalda, Witenagemot, Interdict, Tunnage and Poundage, Pragmatic Sanction, Protectionists?*
6. Name (as far as possible in chronological order) the chief wars in which England has been engaged during reign of Victoria.

BRITISH AMERICAN HISTORY.

1. Give an account of De la Roche's attempt to found a colony in America.
2. Write a short sketch of the selection of the site and the founding of Montreal.
3. At what date, under what name, and under what circumstances, was that part of Nova Scotia north of the Isthmus of Chignecto set off as a separate Province.
4. Trace the course of political events in Nova Scotia during the administration of Sir Colin Campbell and Lord Falkland.
5. What Provinces have been admitted into the Dominion of Canada since its original formation? Give dates of their admission, and any conditions connected therewith.

GENERAL GEOGRAPHY.

1. Describe the origin of rivers, name the chief rivers of the world, and show on what the *course, length, volume,* and *velocity* of a river depend.
2. Name, with their capitals, the States and Territories of the United States situated on the Western high lands and Pacific slope.
3. Write a note on the Russian Empire, with particular reference to its chief cities, leading industries, and physical features.
4. Name the coast waters, capes, and islands of Ireland.
5. Name the countries cut by the 45th Parallel of Latitude.
6. Describe the "Terrestrial Globe" and the instruments used in connection with it.

BRITISH AMERICAN GEOGRAPHY.

1. Name and describe the great lakes of the Dominion.
2. Bound the County of Colchester, and name the capes and coast waters of Cape Breton.
3. Write a note on Labrador.
4. Name, in order of size, the chief islands of British North America.
5. Draw an outline map of the Province of Quebec, locating the cities.

GEOMETRY.

1. Draw a straight line perpendicular to a given straight line of an unlimited length from a given point without it.
2. If two triangles have an angle of the one equal to one angle of the other, and sides about a second angle in each equal; then, if the third angle in each be both acute, both obtuse, or if one of them be a right angle, the triangles are equal in all respects.
3. Divide a given straight line into two parts, so that the square on one part shall be double of the square on the other.
4. The sum of the interior angles of any rectilinear figure together with four right angles is equal to twice as many right angles as the figure has sides.
5. The complements of the parallelograms, which are about the diameter of any parallelogram, are equal to one another.
6. From a given point draw to two parallel straight lines two equal straight lines at right angles to each other.

BOOKKEEPING.

(Candidates who prefer may substitute for this paper that on French, given below. If papers on both subjects are handed in by same candidate, no credit will be given for either.)

1. Explain the abbreviations; Rec'd, Prox., Pd., Mdse., Inst. Int., Dft., C. B. Bal., Ult, a/c, stg.
2. Write a specimen "Receipt for money paid for another," a "Letter of Credit" and "money order."
3. What is book-keeping? What is the object of single entry book-keeping?
4. Enter in Day Book, Cash Book, Bill Book, and Ledger the following transactions: Sold Peter Grey, 1 book-case at $15.25, 2 tables at $10.50 each, 3 sofas at $25.00 each, 80 yds. carpeting at 90c. per yd., 120 yds. of linen at 20c. per yd. In return for which he gave me cash $25, 1 bbl. of sugar, 260 lbs. gross, 10 per cent. off for package, at 5c. per lb. and for the balance two notes of equal amount, one at 3 months, the other at six months, which I discounted at the Bank at 6 per cent. discount.

FRENCH.

Translate into English:

L'Autriche est un grand pays à blé et à pâturages; mais elle est mal situatée pour le commerce étranger. L'aspect phsique de cet empire est extrêment varié, présentant des montagnes, des vallées, des plaines, des rivières, des lacs, des forêts et une riche agriculture. Sa population-est d'environ trente-huit millions.

Vienne, capital de l'Autriche, est située sur le Danube, grand flenve qui prend sa source en Souabe, et se jette dans la Mer Noire. Vienne fut assiégée par les Turcs en 1683 et fut adélivrée par Jean Sobieski, roi de Pologne. Austerlitz, petite ville, est célébre par la victoire que les Francais, commandés par Napoléon, y remportèrent en 1809, sur les Russes et Autrichiens.

1. Give the general rule for the formation of adverbs from adjectives, with examples. What is the position of the negatives with the infinitive?
2. State the uses of the article with proper names. Draw your illustration from the above extract.
3. Write the Cardinal numbers from *seventy* to *one hundred;* what numerals take the plural form?
4. Write in full the *Past Indefinite of se jette.*
5. Give the primitive tenses of *faire, dire, lire, aller, partir* and *voir.*

Translate into French:

London is the capital of England. There is a beautiful church. My cousin is a diligent man but my brother is an idle man. No, Miss, I have not seen your father; he has not been here yet. I was acquainted with that man twenty years ago. Is it five o'clock now? Many a man is very poor. Would you have played if you had had the time? We hate vice; we love virtue. Will you sell your house? The room in which I work is very cold. The next time I shall remain longer. The other day we found a bird's nest in the garden. At what o'clock do you usually go out? We shall gather the most beautiful cherries. Put these books back in their places. A good tree will produce good fruit.

SCHOOL SYSTEM AND SCHOOL MANAGEMENT.

1. Describe as fully as possible the duties of teachers under existing law and regulations.
2. "Inattention in a class may proceed from the faults of the teacher himself." Explain as fully as possible.
3. What are the principles which should regulate the construction of time-tables? Give your weekly allotment of time for each of the following subjects as laid down in grade VI of the Course of Study for Common Schools: Reading and Spelling, Writing, Drawing, Grammar, Composition, Geography, History, Arithmetic, Oral Lessons in Science. (Answer as for department of Graded School.)