

6. After A has received £10 from B, he has as much money as B, and £6 more; and between them they have £40: What money had each at first? (15)

AFTERNOON, 2 TO 4.20.

*Euclid.*

1. Define the terms *point, plane superficies, right angle, scalene triangle, rhombus, parallelogram, similar segments of circles.* (20.)

2. Give the particular enunciations of these propositions of Book I. that treat of the equality of triangles. (20.)

3. In the triangle A B C, prove that the sides A B, B C are together greater than the side A C. (20.)

4. In every triangle the square on the side subtending any of the acute angles is less than the squares on the sides containing that angle by twice the rectangle contained by either of these sides and the straight line intercepted between the perpendicular let fall upon it from the opposite angle and the acute angle. (20.)

5. The angle contained by a tangent to a circle and a chord drawn from the point of contact are equal to the angles in the alternate segments of the circle. (20.)

*Book-Keeping.*

1. How would you explain to a class the guiding principle in making entries in the Ledger? (20.)

2. Explain the following terms:—*Consignment, Assignee, Trial Balance, Bill of Sale, Assets, Stock, Bills Payable, Endorsement, Bankrupt.* (20.)

3. Journalize the following, and give your rules:

(a) Bought of Alexander & Co. merchandise as per invoice \$300. Gave in payment my note for \$200 at 30 days. Balance on account.

(b) Sold to John Thompson, goods, \$600, received in cash \$400, and his note at 3 months on the remainder.

(c) Discounted a note of Peter Johnson for \$600 at 3 months, 7 per cent. (20)

4. What accounts would be affected, and how, by the following entries:

(a) So. goods to John Jones on account, \$350.50.

(b) Paid for household expenses, \$36.

(c) Received a legacy, \$800.

(d) Bought goods from Alexander & Co., \$1,600, paying \$300 cash and giving my note at 4 months, payable at the Bank of Montreal. (20)

5. Write out the form of a Promissory Note and Bill of Exchange; draw out the form of a Bill Book, and explain its use. (20)

*Use of the Globes.*

1. State the methods of solving the following problems:—

To find by means of the Terrestrial Globe the shortest distance in miles between Liverpool and San Francisco. (25)