

1959

SECTION A

1. Divide 5 cwt. 2 st. 5 lb. by $7\frac{1}{7}$.
2. Write 4 days 2 hours $16\frac{4}{5}$ mins. as a decimal of 6.3 days.
3. Find the loss per cent on margarine bought at £13 6s. 8d. per cwt. and sold at 2s. $3\frac{1}{2}$ d. per pound.

4. Find the simple interest on £332 8s. 4d. for $3\frac{3}{4}$ years at 7 per cent per annum.

5. The ages of five brothers on March 1, 1959, were 14 years 2 months, 12 years 5 months, 10 years 3 months, 8 years 10 months, and 6 years 5 months. Find the average age of the boys on August 1, 1958.

SECTION B

6. A shopkeeper bought a half-ton of sugar for £30, and gained $16\frac{2}{3}$ per cent profit on it when he sold it. How many pounds did he sell for £6 2s. 6d. ?

[30 marks.]

7. A room is 18 ft. long and 15 ft. 3 in. broad. It is required to carpet all of the floor except a margin of 18 in. The roll of carpet is 54 in. broad, and costs 15s. 6d. per yard. Find, to the nearest penny, the cost of the carpet.

[30 marks.]

8. A sum of money was invested to earn simple interest, half of it at $4\frac{1}{4}\%$ per annum, and the other half at $4\frac{3}{4}\%$ per annum. If the difference between the two interests at the end of six years was £29 18s. 9d., what sum of money was invested ?

[30 marks.]

9. A bag contains £19 11s. 6d. in half-crowns, florins, and shillings. There are four times as many florins and three times as many shillings as half-crowns. How many coins are in the bag ?

[35 marks.]

10. Three brothers bought a farm. The first paid $\frac{2}{5}$ of the cost of the farm and £81, the second $\frac{7}{9}$ of the remainder, and the third £604. What did the farm cost ?

[35 marks.]