

Candidates should answer all the questions, which are of equal value.

## SECTION A

1. Multiply £8 8s. 2½d. by  $9\frac{9}{11}$ .
2. Write 5 cwts. 3 qrs. 7 lbs. as a decimal of 5 tons.
3. Find, correct to the nearest penny, the simple interest on £550 14s. for 3 years at  $6\frac{3}{4}\%$  per annum.
4. During a year a hotel manager buys 30 tons of coal at £8 15s. per ton, 25 tons at £9 5s. per ton, and 25 tons at £9 12s. per ton. Find the average price of the coal per ton.

## SECTION B

5. A man makes 20% profit by selling a motor car for £186. What selling price would give him a profit of 30%?
6. A farm is divided into three parts. If the first part contains  $\frac{2}{5}$  of the total, the second part  $\cdot625$  of the remainder, and the other part 34 acres 3 rds. 29 sq. per., find the area of the farm.
7. Three brothers paid a bill between them. If their payments were proportional to 7, 5, and 9, and the first two together paid £117 5s. 4d., find the average payment of the three.
8. A rectangular room is 12 ft. 6 ins. long and 11 ft. high. The area of the four walls is 506 sq. ft. What would it cost to carpet the floor of the room at 27s. 6d. per square yard?