

1965

SECTION A — 100 marks.

1. If 60 articles cost £161 2s. 6d., what do 396 of the same articles cost?

2. 4 bags of flour contain 2 qrs. 13 lbs., 2 qrs. 12 lbs., 2 qrs. 2 lbs., and 1 qr. 17 lbs., respectively. Find $2\frac{1}{2}\%$ of the cost of the flour at £3 12s. 4d. per cwt.

3. (a) Divide 48.33 by 0.0135 ;

(b) Write 55 metres 8 centimetres as a decimal of 17 kilometres.

4. A workman's pay was increased by 12%. If he now has £12 12s. per week, what was his pay before the increase ?

SECTION B — 100 marks.

5. The average attendance of pupils in a certain class for Monday, Tuesday, and Wednesday was 38. The average attendance for Tuesday, Wednesday, and Thursday in the same week was 39. If there were 41 present on Monday, how many were present on Thursday ?

6. By selling an article for a certain sum of money a shopkeeper made a profit of $13\frac{1}{2}\%$. If he got 1s. 9d. more for it, he would make a profit of 15% . Find the selling price of the article.

7. $\frac{4}{5}$ of a rectangular floor 17 ft. 6 in. long and 13 ft. 6 in. broad is covered with carpet costing £2 5s. per square yard, and the remainder with linoleum costing 17s. per square yard. What is the total cost?

8. What sum of money must be invested at simple interest, one-third of the sum at 4% per annum, and the remainder at $5\frac{1}{2}\%$ per annum, so that the total interest at the end of 5 years will be £287 5s.?