

ARITHMETIC

1966

200 Marks. One hour and a half for this paper.

Candidates should answer *all* the questions.

The questions are all of equal value.

SECTION A — 100 marks.

1. Multiply £5 16s. 6d. by $11\frac{1}{2}$.
2. (a) Write 3 furlongs 4 perches as a decimal of a mile ;
(b) Find 0.0625 of £35 14s. 8d.
3. Find, correct to the nearest penny, the value of 3,480 grams at £7.35 per kilogram.
4. A workman's pay was increased from £10 10s. to £12 5s. Find in its simplest form the ratio of the old pay to the new. What percentage increase did he get ?

SECTION B — 100 marks.

5. 25 boys entered for an examination and gained an average mark of 40. The six best among them got an average mark of 59. Find the average mark of the remainder.

6. A rectangular room is 15 feet long and 12 feet broad. It costs £45 to paint the four walls at 15s. per square yard. Find the height of the room.

7. If I give away $\frac{1}{5}$ of my money, and then $\frac{1}{3}$ of the remainder, and still have £450 left, how much money had I at first?

8. A person borrowed £1,575. He paid simple interest the first year at 6%, and afterwards at 7% per annum. When he repaid the money, the total amount he had paid as interest was £756. How long had he the money?