

Note : i. All answers to be written in the answer booklet provided. Show working wherever required.

ii. Do not copy the questions

iii. Rough work must be done on the same page as the rest of the answer.

Section A

Q.1).A. Choose the correct option for the following questions given below (Do not copy the question): (10m)

1. Which percentage is equal to $\frac{1}{5}$?
(a) 5% (b) 10% (c) 25% (d) 20%
2. What is the decimal form of the fraction $\frac{3}{10}$?
(a) 0.03 (b) 0.003 (c) 0.3 (d) 3.0
3. Find the area of the rectangle with length 7cm and breadth 5cm
(a) 20cm^2 (b) 35cm^2 (c) 35cm (d) 40cm
4. What is the place value of 8 in 0.486 ?
(a) 8 ones (b) 8 tenths (c) 8 hundredths (d) 8 thousands
5. Which fraction does 0.25 represents?
(a) $\frac{1}{25}$ (b) $\frac{25}{10}$ (c) $\frac{250}{100}$ (d) $\frac{1}{4}$
6. The amount of surface covered by a figure is called _____.
(a) Side (b) Perimeter (c) Boundary (d) Area
7. Ram buys a book for ₹50 and sells it for ₹60 . What is the profit made by him?
(a) ₹50 (b) ₹10 (c) ₹15 (d) ₹20
8. Covert 2.66 into percentage ?
(a) 0.266% (b) 266% (c) 26.6% (d) 2.66%
9. What is the perimeter of the square with side 5cm?
(a) 10cm (b) 15cm (c) 20cm (d) 25cm
10. Sita buys a pen for ₹20 and sells it for ₹15. What is the loss?
(a) ₹2 (b) ₹3 (c) ₹5 (d) ₹1

Q.I).B. State whether the following statement are true or false.If false correct the underline word. (5m)

1) The place value of 7 in 0.07 is hundredths.

2) 50% is equal to $\frac{1}{2}$.

3) $2.703 \times 0 = 2.703$.

4) Loss occurs when selling price is more than the cost price..

5) 0.25 is greater than 0.3 .

Q.II).

(15m)

1. Convert each of the following into percent.

i) $5\frac{1}{4}$

ii) 0.3

2. Write the expanded form of

i) 4.182

ii) 76.546

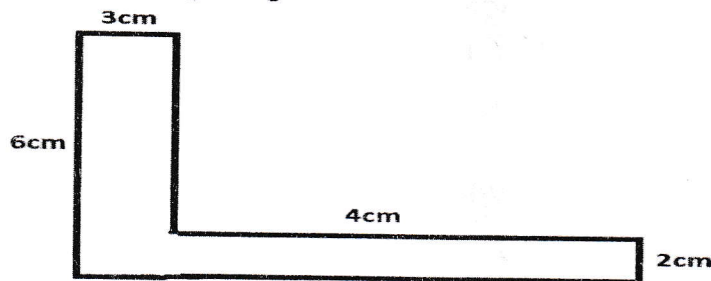
3. Find the gain or loss if cost price = ₹135.25 and selling price = ₹230.75

4. Subtract 39.38 from 58.642.

5. Find the perimeter of a rectangle with length 12cm and breadth 5cm .

6. Find the value of 75% of 80m .

7. Find the Area of the figure given below.



Section B

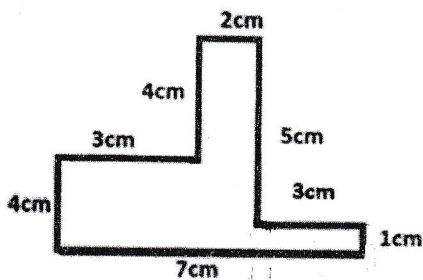
Q.III)

1) What quantity of $4\frac{1}{2}\%$ is 810km. (3m)

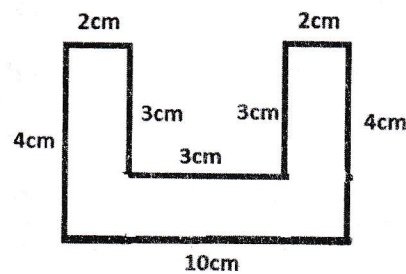
2) A trader buys 8 tables for ₹18,400 . The transport charges were ₹500. If he sold the tables for ₹20,400 . Find his profit or loss. (3m)

3) Find the perimeter of the figure given below (4m)

a



b)



Q.IV).

- 1) Multiply 3.623×4.27 . (3m)
- 2) Find the value of $33\frac{1}{3}\%$ of 900kg (3m)
- 3) A merchant bought 20 chairs at the rate of ₹250 each and 30 stools at the rate of ₹110 each. He spent ₹50 on transportation and ₹28 as labour charges. He sold the chairs and stools at a flat rate of ₹140 each. Find his profit and loss. (4m)

Q.V).

- 1) Divide $48.375 \div 0.025$ (write the quotient and remainder) (3m)
- 2) Arvind drives 598.6 km on the first day, 203.7 km on the second day, 92.5 km on the third day, and 86.9 km on the fourth day. Find the total distance travelled by him over these four consecutive days. (3m)
- 3) What percent of:
i) 750g is 125g (4m)
ii) ₹140 is ₹7

Q.VI).

- 1) Seema bought a chair for ₹2400 and spent ₹200 on transport. She sold the chair for ₹2500. Find her gain or loss. (3m)
- 2) If 1 litre of oil costs ₹154.75, find the cost of 6.8 litres of oil. (3m)
- 3) The dimensions of a rectangle and a square are given below. Which of the two figures has a larger area, and by how much: (4m)
i) A rectangle of length 40 cm and breadth 28cm .
ii) A square of side 34cm

Q.VII).

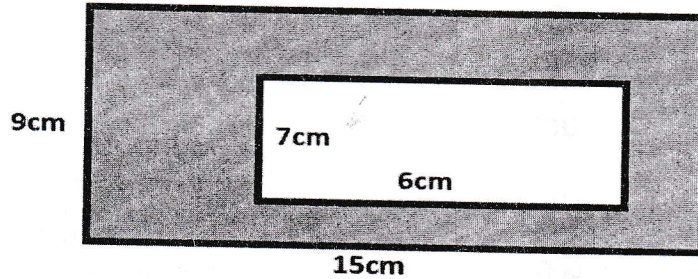
1) A man bought 30 pens at ₹15 each. He sold 25 pens at ₹18 each and the remaining pen at ₹12 each . Find his overall profit or loss . (3m)

2) Convert the following into fraction or a mixed number. (3m)

i) 165%

ii) $45\frac{5}{2}\%$

3. Find the Area of the shaded region for the figure given below. (4m)



-----ALL THE BEST-----