

VILLA THERESA HIGH SCHOOL, MUMBAI

Std. 5  
26/02/2021

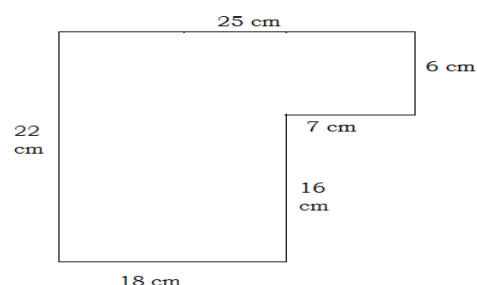
Final Exam–March 2021  
Subject: Mathematics

Time: 45 Mins  
Marks: 30

**Q.1] Do as directed:**

**(5x2 = 10)**

- a) Name the angles and sides of  $\triangle PQR$  in any one way.
- b) A shopkeeper bought a watch for Rs. 3500 and sold it for Rs. 3750. Did he sell it at a profit or loss?
- c) Subtract: 38 Kg 752 g from 54 Kg 474 g.
- d) Find the perimeter of the figure alongside.
- e) Find the area of a triangle with base = 40 cm and height = 25 cm.



**Q.2 A]** A merchant bought a TV for Rs. 15,600. He sold it at a profit of Rs. 450. Find the selling price of the TV. **(3)**

**B]** Find the perimeter and area of a rectangle whose length is 45 cm and breadth is 15 cm. **(3)**

**C] i) Multiply:** 9 Km 235 m by 7 **(2)**

**ii) Divide:** 8 L 332 ml by 4 **(2)**

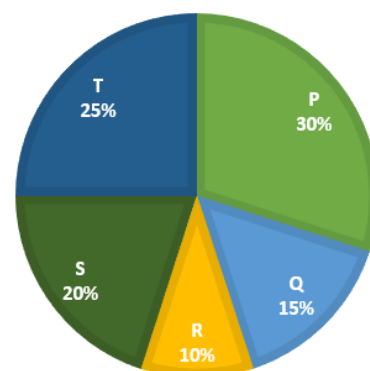
**Q.3 A]** Find the cost of painting a wall 80 m long and 72 m wide at Rs. 3.50 per square meter. **(3)**

**B]** In the following pie chart, the percentage of buyers of 5 brands of shampoo P, Q, R, S and T is given. Answer the following questions: **(3)**

- i) Which is the most popular brand of shampoo?
- ii) What percent of buyers, buy shampoo S?
- iii) Which is the least popular brand of shampoo?

**SHAMPOO BRANDS SOLD**

■ P ■ Q ■ R ■ S ■ T



**C]i)** In  $\triangle XYZ$ ,  $\angle X = 56^\circ$ ,  $\angle Y = 98^\circ$ . Find  $\angle Z$ . **(2)**

**ii)** Construct  $\angle ABC = 65^\circ$  using protractor **(2)**

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