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1. What is the diagonal of a square plate whose side is 28 cm?

- A) 39.29 cm B) 39.39 cm
C) 39.49 cm **D) 39.59 cm (Correct)**

2. What is the side of a square whose area is 625 mm²?

- A) 15 mm B) 20 mm
C) 25 mm (Correct) D) 30 mm

3. What is the perimeter of a rectangle whose length and breadth are 20 cm and 18 cm?

- A) 56 cm B) 66 cm
C) 76 cm (Correct) D) 86 cm

4. What is the area of a rectangle, whose length and breadth are 10cm and 8cm respectively?

- A) 75 cm² **B) 80 cm² (Correct)**
C) 85 cm² D) 90 cm²

5. What is the area of a right angled triangle having a base 10 cm and height 5 cm?

- A) 20 sq.cm **B) 25 sq.cm (Correct)**
C) 30 sq.cm D) 35 sq.cm

6. What is the cross sectional area of a circular ring of D = 38

mm d = 32mm?

- A) 320 mm² **B) 330 mm² (Correct)**
C) 340 mm² D) 350 mm²

7. What is the area of a sector of a circle of radius 5 cm and its angle is 96 Degree?

- A) 20.39 cm² **B) 20.93 cm² (Correct)**
C) 20.89 cm² D) 20.98 cm²

8. What is the area of an ellipse if the major and minor axes are 5 cm and 3 cm respectively?

- A) 27 cm² (Incorrect) B) 37 cm²
C) 47 cm² (Correct) D) 57 cm²

9. Find the total surface area of cube whose side is 25 cm.

- A) 3740 cm² B) 3745 cm²
C) 3750 cm² (Correct) D) 3755 cm²

10. Find the total surface area of a cast iron bar whose length, width and height are 20m, 15m and 12m.

- A) 1340 m² **B) 1440 m² (Correct)**
C) 1540 m² D) 1640 m²