

GOVERNAMENT ITI TAGADUR-571119

ELECTRICIAN

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Student Name	Sundara	Access Code	5592
Attempt No.	#1	Completion Time	02:46 PM
Rank	#9	Total Questions	10

8 SCORE

10 MAX MARKS

8 CORRECT

2 INCORRECT

Answer Review

Q1 **INCORRECT** 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

Q2 **CORRECT** What is the side of a square whose area is 625 mm^2 ?

A. 15 mm

B. 20 mm

C. 25 mm

D. 30 mm

Q3 **INCORRECT** 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

D. 86 mm

Q4 **CORRECT** What is the area of a rectangle, whose length and breadth are 10cm and 8cm respectively?

A. 75 cm^2

B. 80 cm^2

C. 85 cm^2

D. 90 cm^2

Q5 **CORRECT** 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

C. 30 sq.cm

D. 35 sq.cm

Q6 **CORRECT** What is the cross sectional area of a circular ring of $D = 38 \text{ mm}$ $d = 32 \text{ mm}$?

A. 320 mm^2

B. 330 mm^2

C. 340 mm^2

D. 350 mm^2

Q7 **CORRECT** What is the area of a sector of a circle of radius 5 cm and its angle is 96 Degree?

A. 20.39 cm^2

B. 20.93 cm^2

C. 20.89 cm^2

D. 20.98 cm^2

Q8 **CORRECT** What is the area of an ellipse if the major and minor axes are 5 cm and 3 cm respectively?

A. 27 cm^2

B. 37 cm^2

C. 47 cm^2

D. 57 cm^2

Q9 **CORRECT** Find the total surface area of cube whose side is 25 cm.

A. 3740 cm^2

B. 3745 cm^2

C. 3750 cm^2

D. 3755 cm^2

Q10 **CORRECT** Find the total surface area of a cast iron bar whose length, width and height are 20m, 15m and 12m.

A. 1340 m^2

B. 1440 m^2

C. 1540 m^2

D. 1640 m^2