

GOVT ITI PERDOOR

MECHANIC ELECTRIC VEHICLE

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Attempt No.	#2	Completion Time	11:20 AM
Rank	#2	Total Questions	10

7 SCORE

10 MAX MARKS

7 CORRECT

3 INCORRECT

Answer Review

Q1 **INCORRECT** What is the area of a square whose side is 18 cm?

A. 26 cm²

B. 36 cm²

C. 72 cm² ❌

D. 324 cm² ❌

Q2 **CORRECT** 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 ❌

Q3 **CORRECT** 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 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

Q5 **INCORRECT** 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

Q6 **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

Q7 **CORRECT** What is the volume of a rectangular tank of 30 m length, 20m width and 10m height?

A. 5900 m^3

B. 6000 m^3 ☒

C. 6100 m^3

D. 6200 m^3

Q8 **CORRECT** What is the formula for finding volume of a hollow cylinder having outer radius 'R' inner radius 'r' and height 'h'?

A. $\pi (R^2 - r^2)h$ ☒

B. $\pi/3 (R^2 - r^2) h$

C. $2/3 \pi (R^2 - r^2) h$

D. $4/3 \pi (R^2 - r^2)h$

Q9 **INCORRECT** What is the total surface area of a cylinder having radius 2 metres and height 5 metres?

A. 86 sq.metre

B. 88 sq.metre ☒

C. 90 sq.metre

D. 92 sq.metre ☐

Q10 **CORRECT** Find the curved surface area of a cylinder 10 cm dia and 20 cm height?

A. 620 cm^2

B. 628 cm^2 ☒

C. 630 cm^2

D. 638 cm^2