

May 2026

Govt iti (Men), kadri hills Mangalore

Answer Key

Duration: 30 Mins

Total Marks: 5

Q.ID: ITISKILL2097OB

1. What is the area of an equilateral triangle of side 450 mm?

- A) 856.82 cm² B) 876.82 cm²
C) 866.82 cm² D) 886.82 cm²

Answer: B) 876.82 cm²

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

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

Answer: C) 3750 cm²

3. What is the area of a (A) semicircle whose dia is 20 cm (d)?

- A) 147.1 cm² B) 177.1 cm²
C) 157.1 cm² D) 167.1 cm²

Answer: C) 157.1 cm²

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

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

Answer: B) 25 sq.cm

5. How many liters of water a cylindrical tank of radius 75 cm and height 100 cm can hold?

- A) 1768.25 liters B) 1769.25 liters
C) 1766.25 liters D) 1767.25 liters

Answer: C) 1766.25 liters