

QUIZ NO: 331

TOPIC: WORKSHOP CALCULATION

DATE: 22/08/2020

1. Which solid has 18 edges
[1] Hexagonal prism
[2] Octagonal pyramid
[3] Square prism
[4] Both A and B

Answer: A

2. One radian =
[1] 60°
[2] 57.295°
[3] 30°
[4] 45°

Answer: B

3. The length of the side of a cube is 10 cm , then the length of its diagonal is

- [1] 1732cm
- [2] 17.32cm
- [3] 100cm
- [4] None of these

Answer: B

4. If the area of the circle is equal to its circumference the diameter of the circle

- [1] 10 cm
- [2] 6 cm
- [3] 4 cm
- [4] 8 cm

Answer: C

5. Total surface area of a hemi-sphere

- [1] $3\pi r^2$
- [2] $5\pi r^2$
- [3] πr^2
- [4] $8\pi r^2$

Answer: A

6. The area of an equilateral triangle of side 60 mm is

- [1] 15 mm^2
- [2] 30 mm^2
- [3] 15.58 mm^2
- [4] 60 mm^2

Answer: C

7. A solid which has neither edge nor corner

- [1] Cone
- [2] Sphere
- [3] Cylinder
- [4] Semi-sphere

Answer: B

8. How many lead balls each of radius 1 cm can be made from a sphere whose radius is 8 cm

- [1] 256
- [2] 480
- [3] 360
- [4] 512

Answer: D

9. The slant height of a right circular cone of base diameter 6cm and height 4 cm is

- [1] 3 cm
- [2] 5 cm
- [3] 6 cm
- [4] 4 cm

Answer: B

10. Find $0.2 \text{ cm} \div 0.02 \text{ mm} = \dots$

- [1] 100
- [2] 1000
- [3] 0.1
- [4] 10.0

Answer: A

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