

# Work shop calculation and science

## Monthly Test - january 2026

Q. ID: ITISKILL6462ZM

Marks 25

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GOVT ITI VITTLA

Question Paper

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Score: 9/10 (90.00%)

Code: 1037

1. What is the name called biggest chord of the circle?

- A) Arc  
C) Radius  
B) **Diameter (Correct)**  
D) Diagonal

2. What is the area of the circle, if the circumference of the circle is 44cm?

- A) 128 cm<sup>2</sup>  
B) 130 cm<sup>2</sup>  
C) **154 cm<sup>2</sup> (Correct)**  
D) 129 cm<sup>2</sup>

3. What is the name of the region of a circle between any two point on the circumference?

- A) Arc (Incorrect)  
C) Sector  
B) **Segment**  
D) Chord

4. What is the radius of the circle, whose circumference is 440 cm?

- A) 71.5 cm  
C) 70.5 cm  
B) **70 cm (Correct)**  
D) 72.2 cm

5. What is the area of a circular surface if the radius is 14 cm?

- A) **615.44 cm<sup>2</sup> (Correct)**  
C) 612.25 cm<sup>2</sup>  
B) 614.5 cm<sup>2</sup>  
D) 612.44 cm<sup>2</sup>

6. What is the circumference of a circle whose diameter is 7 cm?

- A) **22 cm (Correct)**  
C) 25 cm  
B) 44 cm  
D) 21 cm

7. What is the radius of a circle whose diameter is 44 cm?

- A) 44 cm  
C) 23 cm  
B) **22 cm (Correct)**  
D) 20 cm

8. What is the diameter of the circle, if the area of the circle is 78.5cm<sup>2</sup>?

- A) 5 cm  
C) 15 cm  
B) **10 cm (Correct)**  
D) 5.5 cm

9. What is the area of the circle if the radius is 10 cm?

- A) **314 cm<sup>2</sup> (Correct)**  
C) 30.4 cm<sup>2</sup>  
B) 31.4 cm<sup>2</sup>  
D) 3.14 cm<sup>2</sup>

10. What is the diameter of the circle, if the area of the circle is 706.5cm<sup>2</sup>?

- A) 29 cm  
C) **30 cm (Correct)**  
B) 29.5 cm  
D) 30.5 cm