

# Work shop calculation and science Monthly Test - january 2026

January 2026

GOVT ITI VITTLA

Answer Key

**Duration: 30 Mins****Total Marks: 10****Q.ID: ITISKILL6462ZM**

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

- A)  $612.25 \text{ cm}^2$  B)  $615.44 \text{ cm}^2$   
C)  $612.44 \text{ cm}^2$  D)  $614.5 \text{ cm}^2$

**Answer: B)  $615.44 \text{ cm}^2$**

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

- A) 25 cm B) 22 cm  
C) 21 cm D) 44 cm

**Answer: B) 22 cm**

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

- A) 71.5 cm B) 70 cm  
C) 70.5 cm D) 72.2 cm

**Answer: B) 70 cm**

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

- A) Arc B) Segment  
C) Sector D) Chord

**Answer: B) Segment**

5. What is the diameter of the circle, if the area of the circle is  $78.5 \text{ cm}^2$ ?

- A) 15 cm B) 5.5 cm  
C) 5 cm D) 10 cm

**Answer: D) 10 cm**

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

- A)  $30.4 \text{ cm}^2$  B)  $314 \text{ cm}^2$   
C)  $31.4 \text{ cm}^2$  D)  $3.14 \text{ cm}^2$

**Answer: B)  $314 \text{ cm}^2$**

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

- A) 22 cm B) 20 cm  
C) 23 cm D) 44 cm

**Answer: A) 22 cm**

8. What is the diameter of the circle, if the area of the circle is  $706.5 \text{ cm}^2$ ?

- A) 30.5 cm B) 30 cm  
C) 29 cm D) 29.5 cm

**Answer: B) 30 cm**

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

- A) Arc B) Radius  
C) Diameter D) Diagonal

**Answer: C) Diameter**

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

- A)  $154 \text{ cm}^2$  B)  $129 \text{ cm}^2$   
C)  $128 \text{ cm}^2$  D)  $130 \text{ cm}^2$

**Answer: A)  $154 \text{ cm}^2$**