

14. Area of Surface

Q. ID: ITISKILL7144YO

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Question Paper

Duration: 30 Mins

Total Marks: 22

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Student Name: _____ Roll No: _____

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

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

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

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

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

- A) 129 cm^2 B) 154 cm^2
C) 130 cm^2 D) 128 cm^2

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

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

5. What is the length of arc of the sector whose radius is 15 cm and the intended angle is 30 Degree?

- A) 7.85 cm B) 7.25 cm
C) 6.75 cm D) 6.85 cm

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

- A) 612.25 cm^2 B) 614.5 cm^2
C) 612.44 cm^2 D) 615.44 cm^2

7. What is the area of the sector, if the diameter is 12 cm and the angle is 60 Degree?

- A) 18.0 cm^2 B) 19.00 cm^2
C) 18.84 cm^2 D) 17.75 cm^2

8. What is the length of arc of a sector whose radius is 3.6 cm and angle is 36 Degree?

- A) 22.6 cm B) 21.0 cm
C) 2.10 cm D) 2.26 cm

9. What is the radius of the semicircle, if the circumference of the semicircle is 28.26 cm?

- A) 5.49 cm B) 8.5 cm

- C) 6.49 cm D) 8.75 cm

10. What is the area of the semicircle, if the diameter is 14 cm?

- A) 86.93 cm^2 B) 76.93 cm^2
C) 70 cm^2 D) 75.06 cm^2

11. What is the diameter of the semicircle, if the circumference of the semicircle is 21.98 cm?

- A) 7 cm B) 8 cm
C) 7.55 cm D) 8.55 cm

12. What is the area of the sector, whose diameter is 40 mm and angle is 120 Degree?

- A) 415.5 mm^2 B) 418.66 mm^2
C) 400.50 mm^2 D) 416.6 mm^2

13. What is the length of arc of a sector, whose radius is 15 cm and angle is 40 Degree?

- A) 10.60 cm B) 9.75 cm
C) 10.4 cm D) 9.8 cm

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

- A) 314 cm^2 B) 31.4 cm^2
C) 3.14 cm^2 D) 30.4 cm^2

15. What is the area of the circle, whose diameter is 50 cm?

- A) 1962.5 cm^2 B) 1960 cm^2
C) 1900 cm^2 D) 1950 cm^2

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

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

17. What is the radius of the circle if the angle of sector is 90 Degree and the area of the circle is 196 cm^2 ?

- A) 15.77 cm B) 14.95 cm
C) 15 cm D) 14.85 cm

18. What is the diameter of the circle, if the circumference is 31.4 cm?

A) 5 cm
C) 10 cm

B) 8.5 cm
D) 8 cm

C) 40.8 cm

D) 45 cm

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

A) 25 cm
C) 44 cm

B) 21 cm
D) 22 cm

20. What is the length of arc of a sector, whose perimeter is 64.8cm and radius is 12.4 cm?

A) 42 cm

B) 40 cm

21. What is the diameter of the circle, if the area of the circle is 78.5cm^2 ?

A) 5.5 cm
C) 10 cm

B) 5 cm
D) 15 cm

22. What is the diameter of the circle, if the area of the circle is 706.5cm^2 ?

A) 30.5 cm
C) 29.5 cm

B) 29 cm
D) 30 cm