# SECOND MID TERM TEST - 2024

## Standard - VII

**Time: 1.30 hrs**                    **MATHS**                    **Marks:50**

### PART - I

5x1=5

**I Choose the correct answer:**

1. The place value of 7 in 28.271 is._____
   a) tenths          b) hundredths          c) thousandths          d) thousand

2. $3+\dfrac{5}{10}+\dfrac{3}{100}+\dfrac{4}{1000}=?$
   a) 3.534          b) 3534.0          c) 3.435          d) NONE

3. A cricket pitch is about 264cm wide. It is equal to _____m.
   a) 26.4          b) 2.64          c) 0.264          d) 0.0264

4. 37.70 ☐ 37.7
   a) =          b) <          c) >          d) ≠

5. Formula used to find the circumference of a circle is
   a) $2\pi r$ units          b) $\pi r^2+2r$ units          c) $\pi r^2$ sq.units          d) $\pi r^3$ cu.units

**II Fill in the blanks**

5x1=5

6. 1cm = _____ m

7. a x a x a x a x a is equal to _____

8. $3+\dfrac{4}{100}+\dfrac{9}{1000}=$ _____

9. 5° = _____

10. Area of a circle of radius 'n' units is _____
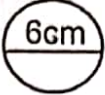
### PART - II

**III Answer any ten of the following:**

10x2=20

11. Expand the decimal number : 237.6

12. The height of a person is 165cm. Express this height in metre.

13. Write the fractions as decimals: $\dfrac{9}{1000}$

14. Express the following as fractions:
    A juice container has 4.5 litres of mango juice.

15. Compare the decimal number (<, >, =)
    99.56 and 99.65

16. Mark the following decimal numbers on the number line
    i) 0.3          ii) 2.1

17. What is the circumferance of the circular disc of radius 14cm? (use $\pi=\dfrac{22}{7}$)

(2)                                                     VII Maths

18. Identify the greater number $3^4$ and $4^3$

19. Find the area of the circle of radius 21cm (use $\pi = \dfrac{22}{7}$)

20. $6^2 \times 6^3 = ?$

21. (6cm)    Calculate the circumference of the circle.

22. To find $15° = ?$

23. Find the area of the dining table Whose diameter is 105 cm.

### PART - III

**IV  Answer any five of the following:-**                     5x3=15

24. In a 25m swimming competition, the time taken by 5 swimmers A, B, C, D and E are 15.7 seconds, 15.68 seconds, 15.6 seconds, 15.74 seconds and 15.67 seconds respectively.   Identify the winner.

25. Arrange the given decimal numbers in descending order.
456.73, 546.37, 563.47, 745.63, 457.71

26. Find the decimal form of the following fractions

i) $153+96+7+\dfrac{5}{10}+\dfrac{2}{1000}$     ii) $999+99+9+\dfrac{9}{10}+\dfrac{9}{100}$

27. There are 26 boys and 24 girls in a class.  Express the fractions of boys and girls as decimal numbers.

28. If the circumference of the circle is 132m.  Then calculate the radius and diameter.

(Take $\pi = \dfrac{22}{7}$)

29. The radius of a tractor wheel is 77cm.  Calculate the distance covered by it in 35

rotations?  (use $\pi = \dfrac{22}{7}$)

30. The area of the circular region is 2464 cm².  Find its radius and diameter.

### PART - IV

**V  Answer any one of the following:**                     1x5=5

31. Draw a triangle xyz given that
xy = 6cm, yz = 5.5cm and zx = 5cm

32. Draw a triangle ABC given that
AB=7cm, AC=6.5cm and $\angle A=120°$.

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