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LTTK **SECOND MID TERM EXAMINATION - 2024**

7 - Std   **MATHEMATICS**

Time : 1.15 Hrs   Marks : 30

I.   Choose the Correct Answer.   5x1=5

1.   To convert grams into kilograms, we have to divide it by
     i) 10000   ii) 1000   iii) 100   iv) 10

2.   The simplest form of 0.05 is
     i) 35/1000   ii) 35/10   iii) 7/20   iv) 7/100

3.   Between which two whole numbers 1.7 lie?
     i) 2 and 3   ii) 3 and 4   iii) 1 and 2   iv) 1 and 7

4.   0.009 is equal to
     i) 0.09   ii) 0.090   iii) 0.00900   iv) 0.900

5.   In the formula, $C=2\pi r$, "r" refers to
     i) Circumference ii) area   iii) rotation   iv) radius

II.   Fill in the blanks.   3X1=3

6.   The place value of 3 in 85.073 is -----------

7.   A cricket pitch is about 264 cm wide. It is equal to ------------- m

8.   The area of the circle with Radius "n" units ---------

III. Match the following.   3x1=3

9.   1328 cm   - $\pi (R^2 - r^2)$

10. Circumfrence of circle   - 13.28 m

11. Area of the circular pathway   - πr^2

                                    - $2\pi r$

IV.   Answer any 5 Questions.   5x2=10

12. Convert the following into simplest fraction 0.862

13. Write the following as decimal number
     900+50+6+3/100

14. Arrange the following in decending order
     2.35, 2.53, 5.32, 3.52, 3.25

15. Find the smaller decimal number in the following
     i) 25.3, 25.03   ii)5.6, 6.05

16. In the circumference of the circle is 132m. Then calculate the radius and
     diameter. (π=22/7)

17. Find the area of a circular pathway whose radius is 32 m, inner radius is 18 cm.

18. Find the area of the circular of radius 21 cm. (π=3.14)

V.   Answer any 3 questions.   3x3=9

19. Express the numbers given in expended form in the place value gride.
     Also write its Decimal reperesentation. 40+6+7/10+2/100+6/1000

20. Arange the following in descending order.
     456.73, 546.37, 563.47, 745.63, 457.71

21. The area of the circular region 2464 cm^2. Find its radius and diameter.(π=22/7)

22. A floor is 10 m long and 8 m wide. A carpet of size 7 m long and 5 m wide
     is laid on the floor. Find the area of the floor that is non covered by the carpet.

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