Class : 7

THIRD MID TERM TEST - 2025
MATHEMATICS

Time Allowed : 1.00 Hours]   [Max. Marks : 30

PART - I

I.   Choose the correct Answer.   10x1=10

1.   2. 08 x 10 = ---------------

   (a) 20 .8   (b) 208.0   (c) 0.208   (d) 1.0

2.   Sum of two decimals is 4. 78. In which one number is 3.21 find the other -----------

   (a) 1.57   (b) 1.75   (c) 1.59   (d) 1.58

3.   0.07% = -------------

   (a) $\dfrac{7}{10}$ (b) $\dfrac{7}{100}$ (c) $\dfrac{7}{1000}$ (d) $\dfrac{7}{10000}$

4.   Percentage of 0.005%

   (a) 0.005%   (b) 5%   (c) 0.5%   (d) 0.05%

5:   0.05 ÷ 0.5 =

   (a) 0.01   (b) 0.1   (c) 1.59   (d) 1.0

Fill in the blanks.

6.   Factors of $x^2 - 4x + 4$ -------------

7.   1.0 + 0.83 = ------------

8.   Product of (x+5) and (x -5) is ------------

9. $(a+b)^2$ = -------------

10. Fractional form of 75% -----------

TPR / 7 / Mat / 1

PART - II

II. **Answer any 4 of the following. (Q. No. 16 is compulsory):**   4x2=8

11. Find the valu of 7.01 x 1000

12. Round of the decimal 69.48 to the nearest whole number.

13. Convert the fraction $\dfrac{23}{30}$ as percent.

14. Find the simple interest on Rs. 25, 000 at 8% per annum for 3 years?

15. A picture chart costs Rs. 1.50 Radha wants to pay 20 charts to make an album how much does she have to pay?

16. Expand $(b - 7)^2$ using suitable identities. **(OR)**

    There are 50 students in a class. If 14% are absent on a particular day, Find the number of students present in the class.

PART - III

III. **Answer any 4 of the following. (Q. No. 22 is compulsory):**   4x3=12

17. Convert the given decimal number 0.025 to percentage.

18. Represent the solution -8 < 2x < 10 in a number line, where x is a natural number.

19. The cost of 28 books are Rs. 1506.4. Find the cost of one book.

20. 14 out of the 70 magazines at the book store are comedy magazines. What percentage of the magazines at the bookstore are comedy magazines?

21. Factorise $x^2 - 8x + 16$ using suitable identity.

22. Add 30.9 + 52.73 by using place value grid. **(OR)**

    Simplify $(y+8)(y+6)$ by using the identity $(x + a)(x + b) = x^2 + x(a + b) + ab$.

TPR / 7 / Mat / 2