SECOND MID TERM TEST – 2022

6 - STD   **MATHS**   0 0 6 2 3 0

Time : 1.30 Hrs   Marks : 50

I   Choose the correct answer.   5 X 1 = 5

1. The only even prime number is ....
    a) 4   b) 2   c) 6   d) 0

2. The number 87846 is divisible by
    a) 2 only   b) 3 only
    c) 11 only   d) all of these

3. 9m 4cm is equal to ....
    a) 94 cm   b) 904 cm
    c) 9.4 cm   d) 0.94 cm

4. 3 weeks .... days.
    a) 21   b) 7   c) 14   d) 28

5. Discount is subtracted from .... to get selling price.
    a) M.P   b) C.P   c) Loss   d) Profit

II   Fill in the blanks.   5 X 1 = 5

6. The number of prime numbers between 11 and 60 is .....12.......... .
7. The HCF of 45 and 75 is ....15.............. .
8. 500 Kg divided by 100 g = ...5000.................. .
9. Discount = M.P - .....S.P................. .
10. The least number that should be added to 57, so that the sum is exactly divisible by 2,3,4 and 5 is ......3............. .

III   Say true or false.   5 X 1 = 5

11. The numbers 57 and 69 are co-primes. False
12. If a number is divisible by 6, then it must be divisble by 3. True
13. Meena bought 250ml of buttermilk which is equal to 2.5 litre. False

6 - Maths Page - 1

14. There is no profit or loss when C.P = S.P.

15. 1700 years is a leap year.

IV   **Answer any 5 questions.**   5 X 2 = 10

16. Find the prime factorisation by factor tree method : 36.

17. The LCM of two numbers is 432 and their HCF is 36. If one of the number is 108 then find the other number.

18. The official distance of Marathon Race is 42.195km. Express this distance in metre.

19. Convert the following in to 24 hour format :
    i) 3.15 a.m   ii) 12.35 p.m.

20. Convert 480 days into years.

21. Valarmathi sold her pearl set for Rs. 30, 000 at profit of Rs. 5,000. Find the cost price of the pearl set.

22. Add 6m 40 cm + 3 m 80cm.

V   **Answer any 4 questions.**   4 X 5 = 20

23. What is the greatest possible volume of a vessel that can be used to measure exactly the volume of milk in cans. (in full capacity) of 80 liters, 100 liters, 120 liters?

24. Find the dates of any month in a calendar which are divisble by both 2 and 3.

25. Find the LCM and HCF of 18, 24 and 30.

26. A child needs 100g of vegetables per day. How many kg of vegetables will be needed for a school of strength 90.

27. Ravi buys a chair for Rs. 3,000. He wants to sell it at a profit of Rs. 500, After making a discount of Rs. 300. What is the M.P of the chair.

VI   **Answer the following questions.**   1 X 5 = 5

28. Draw a line segment AB = 7cm and mark a point P on it. Draw a line perpendicular to the given line segment at P.

<div align="center">(OR)</div>

Draw a line segment LM = 6.5cm and take a point P not lying on it. Using set square construct a line perpendicular to LM through P.

<div align="right">6 - **Maths**   Page - 2</div>