SECOND MID TERM TEST - 2023
Standard - VI
MATHS

Time: 1.30 hrs

Marks: 50

I Choose the best one:

1. Which of the following numbers is not a prime?
   a) 53 b) 92 c) 97 d) 71

2. Which of the following pairs is co-prime?
   a) 51, 63 b) 52, 91 c) 71, 81 d) 81,99

3. 1006 g is equal to _____
   a) 1 kg 6g b) 10kg 6g c) 100kg 6g d) 1kg 600 g

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

5. Discount = MP - _____
   a) Profit b) SP c) Loss d) CP

II Say true or false   5x1=5

6. 16254 is divisible by each of 2, 3, 6 and 9.

7. The numbers 57 and 69 are co-primes.

8. Meena bought 250ml of buttermilk which is equal to 2.50l.

9. 02.20 = 20 minutes past 2.

10. Discount is subtracted from M.P to get S.P.

III Fill in the blanks   5x1=5

11. 3753 is divisible by 9 and hence divisible by _____.

12. The HCF of two successive even numbers is _____

13. 50 kg ÷ 100g = _____

14. 2 days = _____ hours.

15. 'Overhead expenses' is always included in _____

IV Answer any 10 questions: 10x2=20

16. Find the dates of any month in a calender which are divisible by both 2 and 3.

17. Express 42 and 100 as the sum of two consecutive primes.

18. Find the LCM for 6, 9 using Prime factorisation method.

19. Find HCF for 12, 36.

20. The digits of the Prime number 13 can be reversed to get another Prime number
31. Find if any such Pairs exist upto 100.

21. The official distance of Marathon race is 42.195km. Express this distance in metre.

22. Compare and put > or < in the following

   i) 800 g + 150 g ☐ 1kg

   ii) 55 g ☐ 550mg

23. Convert the following: 20 minutes into seconds

24. Change the following into 12 hour format:

   i) 02.00 hours

   ii) 00.00 hours

25. Convert 38 months into years.

26. Find the factors for 36 by tree method.

27. Write all prime number between 20 to 30.

V   Answer any 5 questions:

5x3=15

28. Write the smallest and biggest three digit composite number.

29. Find the LCM of each set of numbers using prime factorisation method for 30, 40, 60.

30. Priya baught 22½ kg of onion. Krishna baught 18¾ kg of onion and Sethu bought 9kg 250g of onion. What is the total weight of onion did they buy?

31. A calf drinks 5.750l of water, convert into ml.

32. Mala's date of birth is 20-11-1999. What is her age on 05.10.2018?

33. Find the number of days between the Republic day and Kalvi Valarchi Day in 2020.

34. A table is bought for Rs.4500 and sold for Rs.4800. Find the profit or loss.

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