SECOND MID TERM TEST - 2023

6 - Std   **MATHS**

Time: 1.00 Hrs.   Marks: 30

I.   Fill in the blanks: 6×1=6

1)   Number of ordinary years between two consecutive leap year is _____.

2)   3 weeks .... days.

3)   450 mℓ×5 = _____ ℓ _____ mℓ

4)   The number of prime numbers between 11 and 60 is _____

5)   The only even prime number is _____.

6)   The HCF of two successive even numbers is _____.

II.   Answer any five questions: 5×2=10

7)   How many glasses of the given capacity will fill a 2 litre jug?

   i) 100 mℓ _____

   ii) 50 mℓ _____

8)   The official distance of Marathan race is 42.195 Km. Express this distance in metre.

9)   Convert: 20 minutes into seconds

10)   Calculate the duration of time:

   i) From 5.30 a.m to 12.40 p.m

11   Write the smallest and the biggest two digit prime number.

12)   Find the dates of any month in a calendar which are divisible by both 2 and 3.

13)   Find the LCM using prime factorisation method (i) 10, 15 (ii) 6, 9

14   Is 173 a prime? Why?

III. Answer any three questions: 3×3=9

15)   A satellite is placed in its orbit in 7 hours 16 minutes 20 seconds. Calculate it in seconds.

16)   Find the number of days between the Republic day and Kalvi Valarchi day in 2020?

17)   Find the HCF of the numbers 40 and 56 by division method.

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

19)   Geetha brought 2ℓ and 250 mℓ of water in a bottle. Her friend drank 300 mℓ from it. How much of water is remaining in the bottle?

IV.   Answer any one of the following: 1×5=5

20)   i) Draw a line segment AB = 7 cm and mark a point P on it. Draw a line perpendicular to the given line segment at P. **(OR)**

   ii) Draw a line segment PQ = 12 cm. Mark two points M, N at a distance of 5 cm above the line segment PQ. Through M and N draw a line parallel to PQ.

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