

Class : 6

Register  
Number**SECOND MID TERM TEST - 2024**

Time Allowed : 1.00 Hours

**MATHEMATICS**

[Max. Marks : 30]

**PART - I****I. Choose the correct Answer.**

4x1=4

1. The only even prime number is -----  
 (a) 4 (b) 6 (c) 2 (d) 0
2. Which of the following cannot be the HCF of two numbers whose LCM is 120?  
 (a) 60 (b) 40 (c) 80 (d) 30
3. 1006 g is equal to -----  
 (a) 1 kg 6 g (b) 10 kg 6 g (c) 100 kg 6 g (d) 1 kg 600 g
4. 3 weeks = ----- days.  
 a) 21 (b) 7 (c) 14 (d) 28

**II. Say True or False.**

3x1=3

5. If a number is divisible by 6, then it must be divisible by 3.
6. The numbers 57 and 69 are co-Primes.
7. Vanmathi bought 4 books each weighing 500g. Total weight of 4 books is 2 kg.

**PART - II****III. Answer any 3 questions.**

3x2=6

8. Write the smallest and the biggest two digit prime number.
9. Find the L.C.M of 10 and 15
10. Convert 10l and 50ml into ml.

CH/6/M/Mat/1



11. Convert  $3\frac{1}{2}$  hours into minutes.
12. Find 'A' as required
  - i) The Greatest 2 digit number 9A is divisible by 2.
  - ii) The Greatest 3 digit number 9A6 is divisible by 6.

### PART - III

IV. Answer any Four Questions.

4x3=12.

13. Find the Prime Factorisation of 144 by factor Tree method and Division Method.
14. What is the smallest 5 digit number that is exactly divisible by 72 and 108?
15. What is the greatest Possible volume of a vessel than can be used to measure exactly the volume of Milk in Cans (In full Capacity) of 80 litres, 100 litres and 120 litres.
16. A bag contains 81kg of Sugar. If the shop keeper fill up these into Small packets of 750g. Each, then how many packets can be made from 81 kg of Sugar?
17. Geetha bought 2l and 250ml of water in a bottle. Her friend drank 300 ml from it. how much of water is remaining in the Bottle?
18. Find the number of Days between the Republic day and Kalvi valarchi day in 2020.

### PART - IV

V. Answer any 1 of the questions.

1x5=5

19. a) 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)

- b) Construct a line Perpendicular to the given line through a Point above it.

CH/6/M/Mat/2