ATOMIC ENERGY CENTRAL SCHOOL- 5, MUMBAI

Periodic Test 1 -2023-24

Class: VI   **Time : 90 min**

Subject: Mathematics   **Max Marks: 40**

General Instructions:

- Section A consists of 7 MCQs of 1mark each
- Section B consists of 8 questions of 2marks each.
- Section C consists of 3 questions of 3marks each.
- Section D consists of 2 questions of 4marks each.

<div align="center">

SECTION A   **(7×1=7marks)**

</div>

1. The place value of 7 in 697495 is

   a) 700   b) 7000   c) 70000   d) 70

2. Which of the following pair of numbers is co-prime

   a) 6 and 8   b) 18 and 35   c) 7 and 35   d) 17 and 68

3. The successor of 9999 is

   a) 9998   b) 1000   c) 10000   d) 11000

4. A number for which sum of all its factors is equal to twice the number is called ____

   a) Even number   b) perfect number   c) prime number   d) composite number

5. Using digits 4,5,6 and 0 ,without repetition make the greatest four digit number

   a) 4560   b) 5640   c) 6540   d) 6504

6. The smallest composite number is ___

   a) 1   b) 4   c) 3   d) 2

7. Which of the following numbers are prime ?

   a) 24 and 51   b) 51 and 35   c) 35 and 26   d) 23 and 37

<div align="center">

SECTION B   **(8×2=16marks)**

</div>

8. Express the number 115 as the sum of three primes.

9. Write the next three natural numbers after 10999.

10. Find the LCM of 12 and 18

11. How many whole numbers are there between 32 and 53?

12. Find the factors of 120

13. Find the product of the greatest 3 digit number and the smallest 2 digit number.

14. Place commas correctly and write the numerals for

    Seven crore fifty two lakh twenty one thousand three hundred two.

15. The town newspaper is published everyday. One copy has 12 pages. Everyday 11980 copies are printed. How many total pages are printed everyday?

SECTION C   **(3×3=9marks)**

16. Find the prime factors of 1729 and arrange them in ascending order.

17. Find the HCF of   91,112, 49

18. The distance between the school and a student's house is 1km 875m. Every day she walks both ways. Find the total distance covered by her in six days.

SECTION D   **(2×4=8marks)**

19. Write the number names for the following numerals in both Indian and International system of numeration and the place the comma correctly.

   a) 2200956   b) 51509415

20. Using divisibility tests show that the number 61809 is divisible by 11.

   Using divisibility tests show that the given numbers are divisible by 6.

   a) 96420   b) 4008

_____