**Atomic Energy Education Society**

**Atomic Energy Central School No. 03, Mumbai**

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**PT- I Examination (2024-25)**

**Class: VI Duration: 1 ½ hours**

**Subject: Mathematics Total Marks: 40**

**General instructions:**

1. **Question paper consist of 04 sections: A, B, C & D (20 questions).**
2. **Section A consist of 08 questions of 01 mark each.**
3. **Section B consist of 06 questions of 02 marks each.**
4. **Section C consist of 04 questions of 03 marks each.**
5. **Section D consist of 02 questions of 04 marks each.**

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 **Section- A (08 × 01 = 08marks)**

1. What is the smallest whole number?

a) 0 b) 1 c) 2 d) 3

1. The place value of 7 in the number 50789 is:

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

1. Which of the following numbers is a prime number?

a) 21 b) 33 c) 37 d) 49

1. What is the predecessor of 1000?

 a) 999 b) 1001 c) 998 d) 1002

1. Which number is neither prime nor composite?

a) 0 b) 1 c) 2 d) 3

1. The sum of the smallest prime number and the smallest composite number is:

a) 4 b) 5 c) 6 d) 7

1. What is the greatest 4-digit number?

a) 1000 b) 9999 c) 999 d) 10000

1. How many whole numbers are there between 21 and 50?

a) 28 b) 29 c) 30 d) 31

**Section- B**

1. **× 02 = 12 marks)**
2. Write the successor of 8999.
3. Express 7504 in expanded form.
4. Find the LCM of 12 and 18.
5. Convert 7 kilometers into meters.
6. Check whether 987899 is divisible by 11.
7. Write all prime numbers between 10 and 30.

**Section – C**

* 1. **× 03 = 12 marks)**
1. Find the HCF of 48 and 60.
2. A)Write the smallest 5-digit number and express it in words.

B) Insert commas suitably and write the name according to international system of numeration: 78921052

 17. A )Arrange the numbers 4572, 2457, 3752, and 5274 in ascending order.

 B) Write the next four consecutive whole numbers of 39359.

 18. Kirti bookstore sold books worth ₹2,85,891 in the first week of June and books worth ₹4,00,768 in the second week of the month. How much was the sale for the two weeks together? In which week was the sale greater.

**Section- D**

**(2 × 04 = 08 marks)**

1. A cake shop owner bought 30 boxes of chocolates weighing 500gm each. If 100gm chocolates was used in making of a cake, then find the total number of cakes made.
2. The length, breadth and height of a room are 825cm, 675cm, and 450cm respectively. Find the longest tape that can measure the dimensions exactly.

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