विद्या सर्वार्थि साधिका

ANANDALAYA

PERIODIC TEST-1

Class : VI

Subject : Mathematics	M.M : 30
Date : 17-07-2023	Time : 1 hr 30 mins.

General Instructions:

i) All questions are compulsory.
ii) This question paper contains 16 questions.
iii) Questions 1 – 6 in Section A are questions carrying 1 mark each.
iv) Questions 7 – 13 in Section B are short-answer type questions carrying 2 marks each.
v) Questions 14 – 15 in Section C are short -answer type questions carrying 3 marks each.
vi) Question 16 in Section D is long-answer type question carrying 4 marks.

Section-A

1. The difference between the largest three digit number and the largest three digit number with different digits is (1)

(A) 10 (B) 0 (C) 12 (D) 13

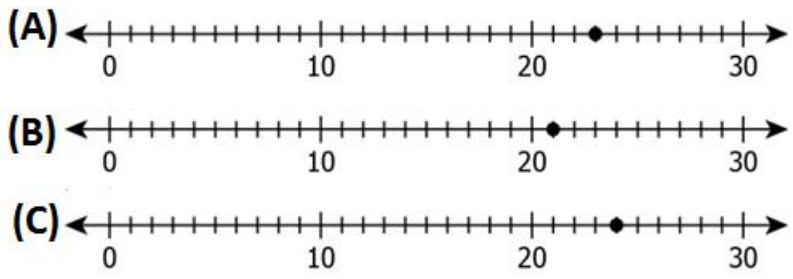
2. The product of the place values of two threes in 53432 is (1)

(A) 9000 (B) 90000 (C) 10000 (D) 99000

3. Smallest natural number is (1)

(A) 0 (B) 1 (C) 2 (D) -1

4. Which of these number lines shows the predecessor of 23? (1)



5. The product of only even prime number and the smallest three digit prime number is (1)

(A) 206 (B) 202 (C) 214 (D) 103

6. Which two digits in 34869 should be interchanged so that the resulting number will be divisible by 6? (1)

(A) 3 and 6 (B) 9 and 3 (C) 8 and 6 (D) 4 and 9

Section-B

7. (A) Write the numeral for ; " Nine crore eight lakh eighty-one" (2)

(B) Write the number name for 560358061 as per the International System of Numeration

8. (A) Write the corresponding numeral for : (2)
$5 \times 100000 + 8 \times 10000 + 1 \times 1000 + 3 \times 100 + 7 \times 1$

(B) 1 million is how many ten thousands?

9. (A) Make the greatest and the smallest 4-digit numbers using any four different digits with condition as given. Digit 7 is always at ones place. (2)

(B) Sonia is forming 5-digit number using all the digits of the number 74064. What is the smallest number that she can form?

10. The population of a town was 9,75,689. In the first year it increased by 4563 and in the second year it decreased by 8976. What was the population of the town at the end of second year? (2)

11. (A) Give two pairs of prime numbers whose difference is 2. (2)

(B) Write two pairs of prime numbers less than 20 whose sum is divisible by 5.

12. Determine the sum of successor of 35 and predecessor of 50. (2)

13. Using divisibility test determine if 957999 is divisible by 11 or not. (2)

Section-C

14. 40 litre ice-cream bucket is to be emptied in 250 ml ice-cream box. Find the number of boxes required? (3)

15. A school principal places orders for 45 chairs and 25 tables with a dealer. Each chair cost ₹350 and each table cost ₹ 480. If the principal has given ₹15000 to the dealer as an advance money, then what amount is to be given to the dealer now? (3)

Section-D

16. (A) Find the LCM of 24, 36 and 60 (4)

(B) Are 13 and 39 co-primes? Justify your answer.