



विद्या सर्वार्थ साधिका

ANANDALAYA
PERIODIC TEST – 1
Class : VI

Subject: Mathematics
Date : 17/07/2019

M.M: 50
Time: 2 Hours

General Instructions:

- i) All questions are compulsory.
- ii) This question paper contains 22 questions.
- iii) Questions 1 – 7 in Section A are multiple choice type questions carrying 1 mark each.
- iv) Questions 8 – 13 in Section B are short-answer type questions carrying 2 marks each.
- v) Questions 14 – 18 in Section C are short -answer type questions carrying 3 marks each.
- vi) Questions 19 – 22 in Section D are long-answer type questions carrying 4 marks each.

SECTION : A

1. A bookseller has 100 books. He sells 20 books at the rate of ` 38 per book and the remaining books at the rate of ` 40 per book. Write a mathematical statement to find the answer. (1)
2. Write the Roman numeral for ‘ Successor of 89’. (1)
3. Compare : 41728 - 4172 _____ 36815 (1)
4. Solve 5×3 using number line (1)
5. Write all the factors of 72 (1)
6. Express 83 as a sum of three odd prime numbers (1)
7. Are 17 and 71 co -primes? Give reason for your answer. (1)

SECTION : B

8. a) Write the numeral for ‘ Nine million fifty thousand eighty six’. (2)
b) Find the sum of face value and place value of 4 in 324657.
9. Form the largest and the smallest numbers using digits 6,0,1,9,8 only once and find their difference. (2)
10. Find $73 \times 35 + 65 \times 73$ using suitable property of whole numbers. (2)

11. Name the property expressed in the following statements: (2)
- A) $4876 + 138 = 138 + 4876$
B) $2 \times (5 \times 15) = (2 \times 5) \times 15$

12. In $267*5$, replace * by; (2)
- A) The smallest digit to make it divisible by 3
B) The largest digit to make it divisible by 9.

13. Find the prime factorisation for 1260 (2)

SECTION : C

14. A) Estimate the sum using general rule : $942683+4328$ (3)
B) Estimate the quotient using general rule : $978 \div 43$

15. A) Write the whole number which is not a natural number. (3)
B) Write the predecessor of the greatest 3 digit natural number.
C) How many whole numbers are there up to 20?

16. A) Write first four triangular numbers. (3)
B) Which numbers can be represented as a line only?
C) Write any two square numbers.

17. Find the L.C.M for 144 and 384 (3)

18. Find HCF of 105 and 135 (3)

SECTION : D

19. Mr. Vivek had ₹ 2587309 in his bank account. He withdrew ₹ 2370104 and distributed remaining amount between his two children. Find the share of each child. Show the number in Indian system of numeration. (4)

20. a) Find the product by suitable rearrangement : $257 \times 40 \times 25$ (4)
b) Solve using suitable properties of whole numbers : 936×97

21. A fruit seller has 156 apples, 260 oranges and 312 mangoes. These fruits have to be packed in cartons such that each carton contains equal number of fruits. What would be the maximum number of fruits in a carton? (4)

22. Find the smallest number of 5 digits, which is divisible by 15, 20 and 25. (4)