ATOMIC ENERGY CENTRAL SCHOOL -2, MUMBAI

BARC COLONY, ANUSHAKTINAGAR

PERIOD TEST-1(2023-2024)

Class 06 - Mathematics

Time Allowed: 1 hour and 30 minutes **Maximum Marks: 40**

General Instructions:

1. This Question Paper has 5 Sections A-E.
2. Section A has 10 MCQs carrying 1 mark each
3. Section B has 3 questions carrying 02 marks each.
4. Section C has 2 questions carrying 03 marks each.
5. Section D has 2 questions carrying 05 marks each.
6. Section E has 2 case based integrated units of assessment (04 marks each) with subparts of the values of 2 and 2 marks each.

Section A

1. Starting from the greatest 5-digit number, write the previous five numbers in descending order. **[1]**

   a) 99995, 99996, 99997, 99998, 99999
   b) 99998, 99997, 99996, 99995, 99994
   c) 99999, 99998, 99997, 99996, 99995
   d) None of these

2. A merchant had Rs. 88,592 with her. She placed an order for purchasing 50 radio sets at Rs 1100 each. How much money will remain with her after the purchase? **[1]**

   a) Rs 33,592
   b) None of these
   c) Rs 34,592
   d) Rs 35,592

3. The difference between the face value and place value of 4 in 2416 is? **[1]**

   a) 396
   b) 4
   c) 400
   d) 300

4. The product of successor and predecessor of 999 is **[1]**

   a) 989000
   b) 998000
   c) 1998
   d) 999000

5. Smallest whole number is **[1]**

   a) 0
   b) 2
   c) cannot be determined
   d) 1

6. The predecessor of 1 lakh is **[1]**

   a) 99999
   b) 100001
   c) 999999
   d) 99000

7. Which of the following is the common factor of 75, 60 and 210? **[1]**

a) 14 b) 11

c) 15 d) 17

8. Which of them is not a prime number? **[1]**

a) 23 b) 4

c) 11 d) 13

9. A number is divisible by both 5 and 12. By which another number will that number be always divisible? **[1]**

a) 17 b) None of these

c) 15 d) 60

10. If a number is divisible by two co-prime numbers then it is divisible by their _____. **[1]**

a) difference b) product

c) None of these d) sum

Section B

11. Shekhar is a famous cricket player. He has so far scored 6,980 runs in test matches. He wishes to complete 10,000 runs. How many more runs does he need? **[2]**

12. Write the next three consecutive whole numbers of the following numbers: **[2]**

i. 39359

ii. 8632157

13. A mobile number consists of ten digits. The first four digits of the number are 9, 9, 8, and 7. The last three digits are 3, 5, and 5. The remaining digits are distinct and make the mobile number, the greatest possible number. What are these digits? **[2]**

Section C

14. Insert commas suitably and write the names according to Indian System of Numeration: **[3]**

87595762

15. Write the predecessor of : **[3]**

a. 10000

b. 308090

c. 9654321

Section D

16. The distance between the school and a student's house is 1 km 875 m. Every day she walks both ways. Find the total distance covered by her in six days. **[5]**

17. Test the divisibility of the following numbers by 11. **[5]**

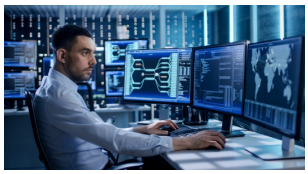
i. 5335

ii. 9020814

Section E

18. **Read the text carefully and answer the questions:** **[4]**

Mr. Ajay is a software engineer and his annual income is ₹ 750690. He spends ₹ 647819 for his living and invests ₹ 1000 per month.



(i) Ajay's savings per year is _____.

(ii) Write his salary in words.

a) Seven lakh fifty thousand six hundred and ninety

b) Seventy-five thousand six hundred ninety

c) Seven lakh five thousand six ninety

d) Seven thousand six hundred and ninety

19. **Read the text carefully and answer the questions:** **[4]**

A seminar is being conducted by an educational organisation, where the participants will be educators of different subjects. The number of participants in Hindi, English and Mathematics are 80,85 and 90 respectively.

(i) 90 can be expressed as a product of its primes as _____.

(ii) In each room the same number of participants are to be seated and all of them being in the same subject, hence maximum number of participants that can accommodated in each room are

a) 5

b) 16

c) 17

d) 8