Date of Exam: 25-09-2022
Time Allotted: 2 hours   **Max. Marks: 40**
(Note: This question paper consists of 3 printed pages. Please check that you have all the pages.)

Section A

I. Choose the correct option: $(1 \times 10 = 10)$

1. Two prime numbers whose difference is 2.

    a) co-prime   b) even primes   c) twin primes   d) odd primes

2. What is the sum of the smallest 6-digit number and largest 5-digit number?

    a) 100000   b) 99999   c) 199999   d) 100009

3. Find the value of $500 \times 187 \times 2$.

    a) 1870   b) 18700   c) 187000   d) 1870000

4. Find the missing number: $118 \times (620 \times 800) = (118 \times \underline{\hspace{1cm}}) \times 800$

    a) 118   b) 620   c) 800   d) 600

5. If $54 \div 9 = 6$, then 9 and 6 are ___ of 54.

    a) factors   b) multiples   c) prime   d) dividend

6. Sam distributed 600 sweets equally among 60 children. How many sweets did each child get ?

    a) 1000   b) 100   c) 10   d) 1

7. The numeric expression for 9 more than the product of 11 and 5.

    a) $11 \times 5 + 9$ b) $11 + 9 \times 5$ c) $9 + 11 \div 5$ d) $5 \times 9 + 11$

8. Insert the appropriate symbol: $12 + 9 \bigcirc 3 = 15$.

    a) +   b) −   c) ×   d) ÷

9. Which of the following is a prime number?

    a) 72   b) 86   c) 53   d) 27

10. What is the sum of the place values of the two 6s in the number 856760?

    a) 60060   b) 60600   c) 6000   d) 6060

II. Match the following: $(1 \times 5 = 5)$

Column A	Column B
1. Round off 73,421 to nearest 100s	a) 54
2. Find: 324 × 4 × 25	b) 42
3. The remainder of 463451 ÷ 1000	c) 73,400
4. Solve: 12 x 3 + 42 ÷ 7	d) 451
5. Find the 6th multiple of 9	e) 32,400

Section B

III. Do as directed: $(2 \times 6=12)$

1. Solve: 4395272 + 3895204 – 730282.
2. Multiply: 7345 by 295.
OR
Use the shortcut method to find the product of 5454 × 101.
3. What will be the quotient and the remainder if you divide the greatest 6-digit number by the smallest 5-digit number?
OR
The product of two numbers is 5490. If one of them is 45, find the other number.
4. List all the prime numbers between 20 and 40.
5. What number is 9 less than the sum of the difference and the product of 6 and 5?
OR

Solve: 8+ 54 ÷ 6 × 3 ▬ 10
6. Find the quotient and the remainder of 3285 ÷ 27.
Section C

IV. Do as directed: $(3 \times 3=9)$
1. a) Insert commas and write the number names of 145890467 in both Indian and International place value system. **(2 marks)**

Indian System	International system

  b) Make the smallest and greatest 8-digit numbers using the digits 2, 6, 3, 9, 0, 7, 8, 5 without repeating any digit. **(1 mark)**

2. a) Find the product of 4266 × 4013 **(2 marks)**
   b) Regroup the factors to find the product of 50 × 3456 × 20. **(1 mark)**

3. a) A factory manufactures 2905 pairs of shoes every week. What is the daily

output of the factory? **(2 marks)**

b) 100 bags of rice cost ₹ 75,000.What is the cost of 1 bag of rice? **(1 mark)**

OR

Complete the table by drawing a 🙂 if the number is divisible by the given number.

S.NO	Number	2	3	4	5	6	9	10
i)	6824							
ii)	7610							
iii)	5529							

Section D

V. Answer the following questions based on the information given below: **(1 × 4 = 4)**

Total number of lunches served in a school cafeteria from Monday to Friday
(for 5 days) are 15,000.

Data of lunch served by the school cafeteria on weekdays are as follows:

Days	Monday	Tuesday	Wednesday	Thursday	Friday
Number of lunches served	3450	2430	3380	3420	?

1. How many total lunches did the cafeteria serve on Monday,

Tuesday, Wednesday and Thursday?

2. How many lunches did the cafeteria serve on Friday?

3. On which day was the more number of lunches served?

4. If one lunch costs ₹ 70, find the cost of 15,000 lunches.

School lunch

1 lunch = Rs.70

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