

Syllabus: Large number and decimals  
Arithmetic expressions

**CAMBRIDGE SCHOOL SRINIVASAPUR**  
**PERIODIC ASSESSMENT I - (2026 - 27)**  
**MATHEMATICS**  
**CLASS - VII**  
**SET A**

**TIME: 60 MINS**

**MM: 30**

**General Instructions:**

1. This question paper contains **20** questions. It contains **five** sections - **Section A, B, C, D and E**. Each section is compulsory.
2. In **Section A**, question number **1 to 8** are multiple choice questions (MCQs) of **1** mark each.
3. In **Section B**, question number **9 to 14** are Very Short Answer (VSA) type questions carrying **1** mark each.
4. In **Section C**, question number **15 to 17** are Short Answer (SA) type questions carrying **2** marks each.
5. In **Section D**, question number **18 and 19** are long answer (LA) type questions carrying **3** marks each.
6. In **Section E**, question number **20** is **case based integrated units** of assessment question with **2 subparts** of **1** mark each and **1 subpart** of **2** marks.

**SECTION - A**

**Multiple Choice Questions**

**1x8=8**

1. Minimum number of digits in a product when two 3-digit numbers multiplied with each other.  
(a) 5 (b) 4 (c) 7 (d) 3
2. Expression of "Add the product of 5 and 9 to 12" is  
(a)  $5 + 9 \times 12$  (b)  $5 \times 12 + 9$  (c)  $5 \times 9 + 12$  (d)  $+5 \times 9 \times 12$
3. Find the odd one out (According to number system)  
(a) 23, 45, 666 (b) 2, 32, 23, 423  
(c) 23, 42, 32, 33, 223 (d) 2, 323, 454, 636
4. If  $505 + 121 = 626$  then value of  $121 + 505$  is  
(a) 0 (b) 626 (c) 505 (d) 121
5. Value of  $30 \div 5 \times 3$   
(a) 2 (b) 30 (c) 18 (d) 20
6. 6,728 can be correctly rounded to nearest hundred as  
(a) 6,700 (b) 6,800 (c) 7,000 (d) 8,000
7. Which is greater  $(48 \times 7 + 48 \times 3)$  Or  $48 \times 10$ ?  
(a)  $48 \times 7 + 48 \times 3$  (b)  $48 \times 10$   
(c) Both are equal (d) None of the above
8. The place value of 7 in 72, 546, 139 is  
(a) 7 million (b) 7 ten million (c) 7 thousand (d) 7 lakh

**SECTION – B**  
**Very Short Answer Type Questions**

9. 800 crore is same as 8 billion. Write True or False.
10. "The expression  $5 \times (8+2)$  and  $(5 \times 8) + 2$  do not give the same answer". Justify given statement.
11. Write the number for One Billion One Million One Thousand One.
12. How many thousand make hundred thousand?
13. Insert the bracket to make the following statement true.  
 $10 + 5 \times 4 = 60$
14. Create a real life situation for the expression  $5 \times 12 + 20$ .

**SECTION – C**

**Short Answer Type Questions**

15. Create two different expressions using 25, 5 and 3 and any operations to get the value of expression as 10.
16. Find the product of  $2500 \times 8 \times 12 \times 125$  using multiplication shortcut.
17. Find out how to get 32, 345 by making the least number of button clicks using a calculator which has +10000, +1000, +100, +10 and +1 buttons.

**SECTION – D**

**Long Answer Type Questions**

18. Using the digits 2, 3, 5, and 8 only once each, form the greatest possible expression value and the smallest possible expression value by using any mathematical operation any number of times.
19. During a school fun fair, Nita bought 4 games tickets costing ₹25 each, 3 ice creams costing ₹40 each and she paid ₹30 for entry. Later she received a discount of ₹20. Form an arithmetic expression to find the total amount paid by Nita. Also simplify the expression to find the final amount paid by her.

**SECTION – E**

**Case Based Question**

20. A transport company named National Cargo Movers Pvt. Ltd. manages the delivery of goods to major cities across India every week. During one particular week, the company recorded the total weight of goods transported to three major cities — Delhi, Mumbai, and Kolkata. The data collected is as follows:

| City    | Goods Transported (in kilograms) |
|---------|----------------------------------|
| Delhi   | 7, 82, 340 kg                    |
| Mumbai  | 8, 56, 780 kg                    |
| Kolkata | 9, 05, 240 kg                    |



The company's logistics department decided to analyse and estimate the transportation data to make quick comparisons and simplify reporting. Based on the recorded figures, answer the following questions:

- i) Round off the weight of goods (in kg) transported to Delhi in nearest ten thousand. (1)
- ii) Estimate the total weight of goods transported to all three cities by rounding each value to the nearest ten thousand and then finding their sum. (2)
- iii) Round off the weight of goods (in kg) transported to Kolkata in nearest thousand. (1)

\*\*\*\*\*