

SUMMATIVE ASSESSMENT I 2026-2027

Mathematics

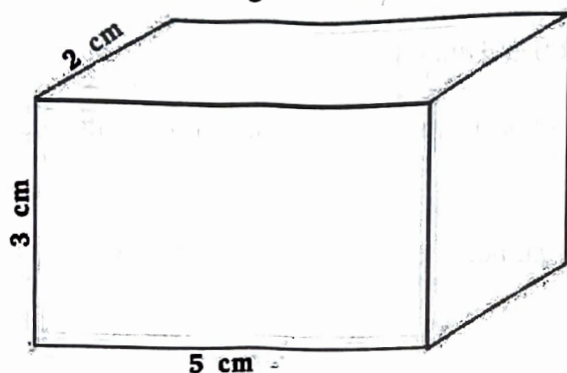
Standard : V

Time : 2 Hrs 15 minutes

Instructions

- First 15 minutes is allotted as cool-off time. Read the questions carefully and plan the answers during this time.
- Answer all six questions. Answer all the sub questions.
- Two questions are there in Question 3 and 5. Attempt **any one** of them. (3A or 3B and 5A or 5B).

1. a) Draw this rectangular box with the given measurements.



- b) Which of the following is not correct about a rectangle?
- Opposite sides are equal.
 - All sides will always be equal.
 - Nearest sides will be vertical to each other.
 - Nearest sides need not be equal always.
2. Some numbers are given below.
15324821, 1537821, 150241, 158212, 157121
- a) If these numbers are arranged from the largest to the smallest, which will come just after 158212?
- b) Which is the largest number among these?
- c) Some statements about the above numbers are given below.
- There are two numbers above ten lakh.
 - There is no number above one crore.
 - There is no number below one million.
 - There is no number above one billion.
- Which of the following is correct about the above statements?
- i, ii correct.
 - iii correct.
 - i, iv correct.
 - ii, iii correct.
- d) Which of the above numbers is close to 15 lakh?

Question 3 has two questions (3A and 3B). Answer any one.

3.A. 58472 is a five digit number without repetition of digits.

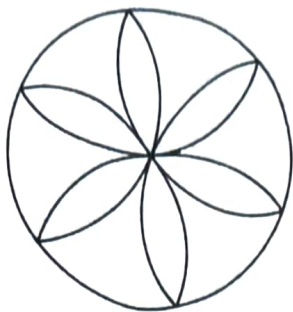
- a) Write the largest five digit number using these digits without repetition.
- b) Which of the following is correct about the difference between the largest and smallest five digit numbers formed by using these digits without repetition?
 - A. Between 60000 and 70000
 - B. Between 20000 and 30000
 - C. Between 70000 and 80000
 - D. Between 30000 and 40000
- c) Write a five digit palindromic number which can be written using only the digits 8, 5 and 4.
- d) Write all four digit numbers using 5, 8, 4 and 3 in which 8 comes in the place of 100.

OR

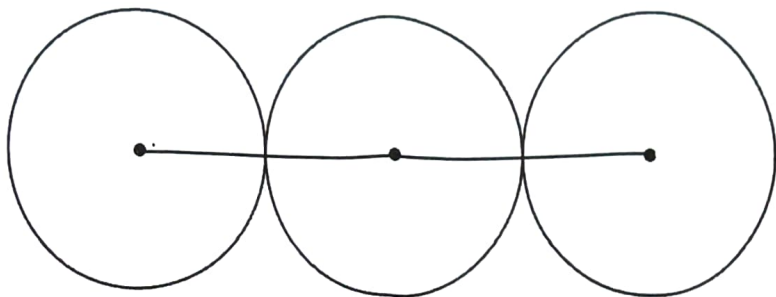
3.B.

- a) Which is the largest number that can be formed using all the digits 3, 0, 8, 1 and 4 without repeating the digits?
- b) Which of the following is correct about the sum of the largest and smallest five digit numbers formed using 3, 0, 8, 1 and 4 without repetition?
 - A. Below one lakh.
 - B. Between 80000 and 90000.
 - C. Below 80000.
 - D. Between 10000 and 11000.
- c) 83438 is a five digit palindromic number which is written using the digits 3, 8 and 4? Write another palindromic number using the same digits.
- d) Write a six digit palindromic number using the digits 3 and 8.

4. a) Draw a circle with 4 centimetres radius and draw the figure given below.



b) Three circles with 2 centimetres radius are drawn below. What is the length of the line that is drawn, connecting the centre of all the three circles?



- A. (3×2) centimetres

B. (4×2) centimetres

C. (3×4) centimetres

D. (5×2) centimetres

Question 5 has two questions (5A and 5B). Answer any one.

5.A.

- a) Which of the following is not equal to 17×16 ?

A. $(10 \times 16) + (7 \times 16)$

B. $(20 \times 16) - (3 \times 16)$

C. $(17 \times 10) + (17 \times 6)$

D. $(17 \times 6) + (17 \times 1)$
- b) Find the product of 48×27 by completing the table.

	40	8
20		
7		

- c) Write 16×36 as product of same numbers.

d) $1 = 1$

$1 + 2 + 1 = 4$

$1 + 2 + 3 + 2 + 1 = 9$

$1 + 2 + 3 + 4 + 3 + 2 + 1 = 16$

.....

.....

If this pattern continues what will be the sum of the numbers in the 20th line?

OR

5.B.

a) Which of the following is not equal to 25×25 ?

A. $(10 \times 25) + (15 \times 25)$

B. $(20 \times 25) + (5 \times 25)$

C. $(30 \times 25) - (5 \times 25)$

D. $(15 \times 25) + (15 \times 25)$

b) Fill the missing part and find the product.

	30	
.....	600	
4		20

c) $1 = 1$

$1 + 3 = 4$

$1 + 3 + 5 = 9$

$1 + 3 + 5 + 7 = 16$

Write the next two lines. What is the sum of the numbers on the 50th line?

6. a) There are some multiplication operations in column 2, which are equal to that in column 1.

(1)

(2)

1) 14×8 - a) 20×56

2) 24×7 - b) 70×10

3) 35×20 - c) 12×14

4) 40×28 - d) 7×16

Which of the following is correctly matched?

A. 1 - d 2 - c 3 - a 4 - b

B. 1 - d 2 - a 3 - c 4 - b

C. 1 - d 2 - c 3 - b 4 - a

D. 1 - d 2 - a 3 - c 4 - b

b) When a number was multiplied by 28, the product was 2128. What will be the number if next number is multiplied by 28?

c) There are 98 boys and 102 girls in a school. All children were given paper bags on World Environmental Day. One paper bag costs 12 rupees. What is the total cost for this?