

# NUMBERS (CPP1)

1. Arrange the following integers in ascending order

(i) 3, -5, 0, -2, -7, -1, 4

(ii) -15, -12, 11, -13, 10, 5, -9

2. Represent the following as integers:

(i) Gain of \$ 28

(ii) Loss of \$ 40

(iii) 36 m below sea level.

(iv)  $12^{\circ}\text{C}$  rise in temperature.

(v)  $5^{\circ}\text{C}$  fall in temperature.

3. Do the following simplification and show it on the number line.

$$3 + 5 - 6 - 4$$

4. Find the difference between the place values of the two 5's in 895435.

5. Write all the possible 4-digit even numbers using the digits 5, 8, 9 and 4. [Repetition is not allowed].

6. Simplify the following.

(i)  $45 - 26 \div 13 \times 6 + 10$

(ii)  $65 \div 5 - 15 \times 3 + 27 \div 9 \times 3 - 24 \div 8 + 7$

(iii)  $[\{12 - \overline{14 - 8} + 7\} - 15]$

(iv)  $[3077 - 85 \{32 \div 8 (24 - \overline{36 - 18})\}]$

(v)  $4940 \div [\{12 + 16 (48 - (8 - \overline{15 + 6}))\}]$

7. Find the value of:

(i)  $15129 \div (-144)$

(ii)  $14625 \times (-259)$