

VI - Mathematics Assignment No-01 - Integers

Q1 Write in the form of integer

(i) 10°C below normal temperature.

(ii) 5 cm more than the actual length.

(iii) Earning Rs 500 from some source

(iv) A loss of Rs 200 in the shop

(v) Rahul received 24 marks more in comparison of his previous marks.

Q2. Write the opposite of each of the following statements

(i) Earning of Rs 1000

(ii) Gaining a weight of 5 kg

(iii) A deposit of Rs 500 in the bank

(iv) Going 10 m towards west

(v) 5 km above the sea-level

Q3. Mark the following integers on the number line

(i) 5

(ii) -5

(iii) -2

(iv) 7

(v) 10

Q4. Which number is larger in each of the following pairs.

- (i) 0, -2 (ii) 5, -5 (iii) 2, -7
 (iv) -113, 365 (v) -10, -12

Q5. Mark the smaller number on the number line

- (i) 0, -2 (ii) 15, -15 (iii) 4, -7
 (iv) 13, -15 (v) 7, 9.

Q6. Write all integers between:

- (i) 0 and 5 (ii) 3 and -3
 (iii) 12 and 15 (iv) -5 and 7 (v) -3 and 0

Q7. Using the number line with the integer, what is:

- (i) 5 more than 2
 (ii) 5 more than -5
 (iii) 3 more than -4
 (iv) 3 less than -1
 (v) 7 less than 4

Cont - Pg-3 →

Q8. Fill the blanks by using appropriate symbol $>$ or $<$

- (i) $-3 \dots\dots 3$ (ii) $5 \dots\dots 7$
 (iii) $13 \dots\dots -3$ (iv) $-15 \dots\dots 7$
 (v) $12 \dots\dots -15$

Q9. Write the following integers in an increasing order

- (i) $5, -7, -2, 0, 9$ (ii) $-23, 13, 0, -6, 7$
 (iii) $12, 0, -3, -5, 7$ (iv) $5, 7, -5, -7, 0$
 (v) $13, 25, -27, 56, 100$

Q10 Write (i) 5 negative integers greater than -5
 (ii) 5 negative integers less than -15.

ANSWERS:

Q1 (i) -10°C (ii) $+5^\circ\text{C}$ (iii) $+8500$ (iv) -200 (v) $+24$	Q4 (i) 0 (ii) 5 (iii) 2 (iv) 365 (v) -10	1, 2, 3, 4, 5, 6 (v) -2, -1	Q8 (i) $3 < 3$ (ii) $5 < 7$ (iii) $13 > -3$ (iv) $-15 < 7$ (v) $12 > -15$	(iii) $-5, -3, 0, 7, 12$ (iv) $-7, -5, 0, 5, 7$ (v) $-27, 13, 25, 56, 100$
Q2 (i) Loss - Rs 1000 (ii) Loss - 5 kg (iii) Withdrawal - Rs 500 (iv) To East - 10 m (v) Below sea level - 5 km	Q6 (i) 1, 2, 3, 4 (ii) $-2, -1, 0, 1, 2$ (iii) 13, 14, 15 (iv) $-4, -3, -2, -1, 0$	Q7 (i) 7 (ii) 0 (iii) -1 (iv) -4 (v) -3	Q9 (i) $-7, -2, 0, 5, 9$ (ii) $-23, -6, 0, 7, 13$	Q10 (i) $-4, -3, -2, -1, 0$ (ii) $-16, -17, -18, -19, -20$