Pg-1

VII— Mathematics Assignment No-01- Integers

(Q1) Represent the following statement in the form of integer.

(i) 5 km above the sea level

(ii) Rs 1000 deposited in the bank

(iii) Rs 75 is invested in the Market

(iv) 5 units to the left of zero

(V) 15°c above freezing point

(Q2) Write the opposite of the following (as integer)

(i) a gain of Rs 10

(ii) Withdrawal of Rs 100 from the bank

(iii) An increase of 25

(iv) 5 km below the sea level

(v) Loss of Rs 10 in the market

(Q3) Using the number line or otherwise, write the integer which is :-

(i) 3 more than 6

(ii) 4 " " -2

(iii) 5 less than 4

(iv) 2 " " -3

Q4) Which is larger:- (i) 40 or -100 (ii) -15 or -16

ANSWERS:-

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(Q1)		(Q2)		(Q3)		Q4
(i)	+5 km	(i)	-10	(i)	9	Q4 (i) 40
(ii)	+ Rs 1000	(ii)	+ Rs 100	(ii)	2	(ii) -15
(iii)	- Rs 75	(iii)	- Rs	(iii)	-1	
(iv)	-5	(iv)	+5 km	(iv)		
(V)	+ 15	(v)				

Q5. Write all integers between

(i) 0 and 6

(ii) -5 and +2

Q6. Write the following integers in increasing order

(i) 10, -5, -3, 0, 5

(ii) -17, 15, -3, 4, 7

Q7. Fill the gap by putting >, <, =

(i) 0 7   (ii) -5 .... -10

(iii) 15 0   (iv) -3 4

Q8. Find the absolute value of the following

(i) -17   (ii) 17   (iii) -15

Q9. Write the following numbers in decending order

(i) -19, 0, 17, 3, -15, 20

(ii) -51, -41, 41, 51, -40

Q10 Evaluate the following

(i) $-|7-(-4)|$ (ii) $7 + |-5|$ (iii) $-|7-3|$

ANSWERS :-

(5)(i) 1, 2, ... 5	(Q7)(i) 0 < 7	(Q8)	(Q9)(i)	(ii) 12
(ii) -4,-3,..... 1	(ii) -5 > -10	(i) 17	20, 17, 3, 0, -15, -19	(iii) -4
(6)(i) -5,-3,0,5, 10	(iii) 15 > 0	(ii) 17	(ii) 51, 41, -40,-41,-51	
(ii) -17, -3, 4, 7, 15	(iv) -3 < 4	(iii) 15	(Q10) (i) -11	