



INDIAN SCHOOL AL WADI AL KABIR

Class VI

Chapter: Integers
WORKSHEET NO.-2

OBJECTIVE TYPE

Q.1	Greatest negative integer between -7 and 4 is							
	A	-7	B	-1	C	4	D	0
Q.2	Least positive integer is							
	A	100	B	0	C	1	D	9
Q.3	The sum of an integer and its additive inverse is always							
	A	0	B	100	C	-10	D	1
Q.4	The number of integers between -2 and 2 is							
	A	4	B	5	C	2	D	3
Q.5	Write numbers with appropriate signs for "40° C below 0° C temperature"							
	A	-40	B	-30	C	40	D	0
Q.6	If the point A lies 3 units to the left of -1, then A is at							
	A	-3	B	-1	C	-4	D	-5
Q.7	Which of the following numbers is not to the left of -10 on the number line?							
	A	0	B	-11	C	-20	D	-13
Q.8	A pair of integers whose sum is -5 is							
	A	(8,-3)	B	(-8,3)	C	(5,0)	D	(2,3)
Q.9	The greatest negative integer is							
	A	100	B	0	C	1	D	-1
Q.10	The number 4 less than -8 gives							
	A	4	B	-12	C	-8	D	-4

Section - A

- Q.11** **Compare** with $>$, $<$ or $=$ sign.
- $(-3) + (-6) \underline{<} (-3) - (-6)$
 - $0 \underline{>} -2$
 - $(-365) \underline{>} (-913)$
 - $(-13) + (-6) \underline{>} (-27) - (-6)$

- Q.12** **Write the following integers in the increasing order:**
- 5, -7, -2, 0, 8 **ans: -7, -2, 0, 5, 8**
 - 23, 12, 0, -6, -100, -1 **ans: -100, -23, -6, -1, 0, 12**
 - 17, 15, -363, -501, 165 **ans: -501, -363, -17, 15, 265**
 - 21, -106, -16, 16, 0, -2, -81 **ans: -106, -81, -16, 0, 16, 21**

- Q.13** **Fill in the blanks:**
- When we subtract -10 from 18 we get 28.
 - 0 is an integer which is neither positive nor negative.
 - $272 - 198 - \underline{74} = 0$.
 - $15 + \underline{(-15)} = 0$

- Q.14** **State whether the following statements are true or false:**
- If a and b are any two integers such that $a > b$, then $-a > -b$. **false**
 - If the sum of an integer and its opposite is zero, then they are called additive inverses of each other. **true**
 - The negative of 0 is -0. **false**
 - The sum of positive and negative integers is always negative. **false**

Q.15 **Match the following:**

Column A	Column B
(a) 10 steps to the right	(p) -1000 (d)
(b) 10 km below sea level	(q) 1000 (c)
(c) Deposit Rs. 1000 in a bank	(r) 10 (a)
(d) Spending Rs. 1000	(s) -10 (b)

SECTION B

- Q.16**
- Write five negative integers greater than -7. **-6, -5, -4, -3, -2**
 - Write five negative integers less than -20. **-21, -22, -35, -43, -23**

- Q.17** Use the number line and add the following integers:
- $9 + (-6) = 3$
 - $(-3) + 7 = 4$
 - $8 + (-8) = 0$
 - $3 + (-2) + (-4) = -3$

- Q.18** Find the additive inverse of
- 57 **AI(57)**
 - 183 **AI(-183)**

	(iii) 0 AI(0) (iv) -1001 AI(1001)
Q.19	Write the predecessor of each one of the following: (i) 120 119 (ii) 79 78 (iii) -8 -9 (iv) -141 -142
Q.20	Write the successor of each one of the following: (i) 201 202 (ii) 70 71 (iii) -5 -4 (iv) -99 -98
SECTION C	
Q.21	Find the sum of a. 137 and -354 =-217 b. -3057 and 199 =-2858 c. -389 and -1032 =-1421 d. -18, + 25 and -37 =-30
Q.22	Simplify: a. $(-7) + (-9) + 12 + (-16)$ =-20 b. $37 + (-23) + (-65) + (-12)$ =-63 c. $(-145) + 79 + (-265) + (-41)$ = (-372) d. $1056 + (-798) + (-38) + 44$ = 264
Q.23	Subtract: a. -15 from 25 =40 b. -28 from (-43) =(-15) c. 68 from (-37) = (-105) d. 6240 from (-271) =(-6511) e. -312 from 250 = 562
Q.24	Simplify: a. $37 - (-8) + 11 - (-30)$ =86 b. $-13 - (-17) + (-22) - (-40)$ =22
Q.25	Subtract the sum of -250 and 138 from the sum of 136 and -272. =-24

Answer key

1		2		3		4	
5		6		7		8	
9		10		11		12	
13		14		15		16	
17		18		19		20	
21		22		23		24	
25							