

# Mathematics

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(Chapter – 6) (Integers) (Practice Test 4)

(Class VI)

M. M: 25

Time: 1 Hour 15 Minutes

## General Instructions:

- This question paper contains four sections: A, B, C and D. Each part is compulsory.
- Section A has 5 MCQ of one mark each.
- Section B has 3 questions of two marks each.
- Section C has 3 questions of three marks each.
- Section D has 5 questions of five marks each, attempt any 1 out of 2.
- There is no negative marking.

### Section – A

- Value of  $|-6| + |-5|$  is:  
(A) -11 (B) 11 (C) -1 (D) 1
- The absolute value of an integer is:  
(A) Always positive (B) Always negative  
(C) Sometime positive and sometime negative (D) none of these
- Which of the following number is not to the left of -10 on the number line?  
(A) -12 (B) -11 (C) -9 (D) -13
- Every negative integer is less than:  
(A) -1 (B) 0 (C) -2 (D) None of these
- Value of 2 less than -1 is:  
(A) -3 (B) 3 (C) 2 (D) -4

### Section – B

In questions 6 to 8, state whether the given statements are true (T) or false (F):

- The successor of the integer 1 is 0.
- Every positive integer is larger than every negative integer.
- The sum of any two negative integers is always greater than both the integers.

### Section – C

- Find the value of:  
(a)  $(-7) + (-9) + 4 + 16$  (b)  $37 + (-2) + (-65) + (-8)$
- Find:  
(a)  $(-7) - 8 - (-25)$  (b)  $(-13) + 32 - 8 - 1$   
(c)  $(-7) + (-8) + (-90)$  (d)  $50 - (-40) - (-2)$
- Find the sum of:  
(a) 137 and -354 (b) -52 and 52  
(c) -213, 39 and 192 (d) -50, -200 and 300

### Section – D

- Fill in the blanks:
  - What is  $(-70) \div 7$  .....
  - What is  $96 \div (-16)$  .....
  - Value of  $a$  in  $a \div 3 = -21$  is .....
  - Value of  $(-1)^3$  is .....
  - Value of  $x$  from the equation  $-19x = 95$  is .....

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13. Match the following:

(a) $-2+3+7$	(i) 8
(b) Successor of $-11$ is	(ii) $-500$
(C) Predecessor of $-7$ is	(iii) $1/2$
(d) Loss of ₹500	(iv) $-8$
(e) Multiplicative inverse of 2	(v) $-10$



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Answers

## Section – A

- 11
- Always positive
- 9
- 0
- 3

## Section – B

- Successor of any number is defined as plus one to that number and so successor of integer  $1 = 1 + 1 = 2$ . So, the given statement is False.
- Value of every positive integer is always greater than every negative integer. So, the given statement is True.
- Sum of any two negative integers is always lesser than both the integers. So, the given statement is False.

## Section-C

- (a) 4  
(b) -38
- (a) 10  
(b) 10  
(c) -105  
(d) 92
- (a)  $137 + (-354) = 137 - 354 = -217$   
(b)  $(-52) + 52 = 0$   
(c)  $(-312) + 39 + 192 = -312 + 231 = -81$   
(d)  $(-50) + (-200) + 300 = -50 - 200 + 300 = -250 + 300 = 50$

## Section – D

- 1, -10
- 6
- 63
- 1
- 5

13.

(a) $-2+3+7$	(i) 8
(b) Successor of -11 is	(v) -10
(C) Predecessor of -7 is	(iv) -8
(d) Loss of ₹500	(ii) -500
(e) Multiplicative inverse of 2	(iii) $1/2$