

Mathematics

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

(Class VI)

Time: 1 Hour 15 Minutes

M. M: 25

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

- To which side of 0 on a horizontal number line are the negative integers located?
(A) Right (B) Left
(C) Above (D) Below
- Which of the following is the greatest negative integer?
(A) -100 (B) Does not exist (C) -1 (D) -9
- Value of $12 + |-6|$ is:
(A) 6 (B) 18 (C) 12 (D) none of these
- The greatest negative integer is:
(A) -1 (B) 0 (C) not determinable (D) none of these
- Which number is neither positive nor negative?
(A) 1 (B) 5 (C) 0 (D) 10

Section – B

- Write opposite of the following:
(A) 326 BC (B) loss of ₹70.
- Represent the following numbers as integers with appropriate signs.
(a) A deposit of rupees two hundred.
(b) Withdrawal of rupees seven hundred.
- Represent the following numbers on number line:
(a) +8 (b) -1

Section – C

In questions 9 to 11, fill in the blanks to make the statements true:

- (a) The additive inverse of -1 is _____.
(b) The additive inverse of 0 is _____.
- (a) The number of integers lying between -5 and 5 is _____.
(b) $(-11) + (-2) + (-1) =$ _____.
- (a) _____ + $(-11) + 111 = 130$.
(b) $(-80) + 0 + (-90) =$ _____.

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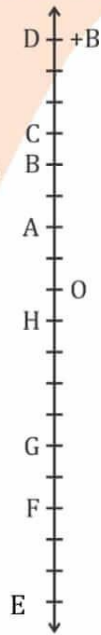
Section - D

12. Fill in the blanks:

- (i) What is the opposite of 15 km to the North?
- (ii) Write all integers between -25 and -20
- (iii) Find the value of $112 + |-6|$
- (iv) Opposite of -125 is
- (v) Sum of -45 and 30 is

13. Adjacent figure is a vertical number line, representing integers. Observe it and locate the following points:

- (a) If point D is +8 then which point is -8?
- (b) Is point G a negative integer or a positive integer?
- (c) Write integers for points B and E.
- (d) Which point marked on this number line has the least value?
- (e) Arrange all the points in decreasing order of values.



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Answers

Section - A

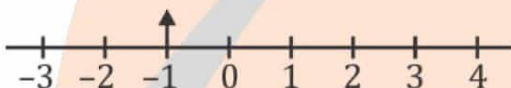
1. Left
2. -1
3. 6
4. -1
5. 0

Section - B

6. (a) 326 AD
(b) Profit of ₹70
7. (a) (+) 200 Rupees
(b) (-) 700 Rupees
8. (a)



(b)



Section-C

9. (a) Additive inverse of a number is the number when added results in zero value. If we add 1 to -1 then it will give zero, hence 1 is the additive inverse of -1. The additive inverse of -1 is 1.
(b) Additive inverse of a number is the number when added results in zero value. Hence if we add 0 to 0 then the result will be 0 and so additive inverse of 0 is 0 only. The additive inverse of 0 is 0.
10. (a) Integers between -5 and 5 are -4, -3, -2, -1, 0, 1, 2, 3 and 4 which are 9 in total. The number of integers lying between -5 and 5 is 9.
(b) -14
11. (a) 30 (b) -170

Section - D

12. 1. 15 km to the South
2. -24, -23, -22, -21
3. 106
4. 125
5. -15
13. (a) F
(b) Negative
(c) B = (+) 4; E = (-) 10
(d) E
(e) D, C, B, A, O, H, G, F, E

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