Mathematics

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(Chapter – 6) (Integers) (Practice Test 1)

(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

1. 0 is:

(A) a positive integer (B) a negative integer

(C) neither positive nor negative (D) none of these

2. What is opposite of "50 km of south"?

(A) 50 km of east (B) 50 km of west (C) 50 km of north (D) None of these

3. Sum of – 30 and – 12 is

(A) – 42 (B) 42 (C) – 18 (D) 18

4. Compare pairs of numbers using > or >: 0 _____ – 15

(A) < (B) = (C) > (D) None of these

5. 10 – (– 6) is:

(A) 16 (B) 4 (C) 60 (D) 6

Section – B

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

6. The smallest natural number is zero.

7. Zero is not an integer as it is neither positive nor negative.

8. The sum of all the integers between –5 and –1 is –6.

Section – C

9. Using the number line, write the integer which is

(a) 4 more than –5 (b) 3 less than 2 (c) 2 less than –2

10. Find the value of: 49 – (–40) – (–3) + 69.

11. Subtract –5308 from the sum [(–2100) + (–2001)].

Section – D

12. Fill in the blanks with >, = or <.

(a) –60 _____ 50.

(b) –10 _____ –11.

(C) –101 _____ –102.

(d) (–2) + (–5) + (–6) _____ (–3) + (–4) + (–6).

(e) 0 _____ –2.

13. Match the items of Column I with that of Column II:

Column I	Column II
(i) The additive inverse of +2	(A) 0
(ii) The greatest negative integer	(B)–2
(iii) The greatest negative even integer	(C)2
(iv) The smallest integer greater than every negative integer	(D)1
(v) Sum of predecessor and successor of –1	(E)–1

Answers

Section – A

1. neither positive nor negative
2. 50 km of north
3. – 42
4. >
5. 16

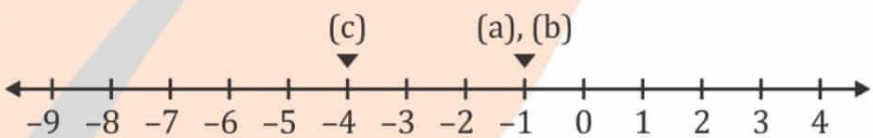
Section – B

6. Smallest natural number is 1 and not 0. So, the given statement is False.
7. Zero is a integer and yes, it is not positive or negative but rather neutral integer. So, the given statement is False.
8. Sum of all the integers between –5 and –1 is –9 and not –6. So, the given statement is False.

Section– C

9. Number line is given as follows highlighting the following integers:

(a) 4 more than –5 is –1 (b) 3 less than 2 is –1 (c) 2 less than –2 is –4



10. – (–40) – (–3) + 69 = 40 + 3 + 69 = 112.
11. – 4101 – (–5308) = – 4101 + 5308 = 1207.

Section – D

12.
(a) <
(b) >
(c) >
(d) =
(e) >

13. (i) The additive inverse of +2 is –2. So (i) match (B)
(ii) The greatest negative integer is –1. So (ii) match (E)
(iii) The greatest negative even integer is –2. So (iii) match (B)
(iv) The smallest integer greater than every negative integer is 0. So (iv) match (A)
(v) Sum of predecessor and successor of –1 is –2. So (v) match (B)