

Learning Horizon

Class 7

Math Test

FM 40

Time 60 min.

Section A

(8 × 1 = 8 Marks)

1. Arrange in ascending order:
-5, 7, -9, 3, 0
2. Write the successor of -12.
3. Write the predecessor of 0.
4. Find:

$$(-8) + 15$$

5. Find:

$$25 - 37$$

6. Find:

$$(-6) \times (-9)$$

7. Find:

$$(-48) \div 6$$

8. Fill in the blank:

$$(-15) + \underline{\quad} = 0$$

Section B

(6 × 2 = 12 Marks)

9. Compare using >, < or =:
-25 _____ -18

10. Find:

(a) $18 + (-25)$

(b) $(-36) + 12$

11. Simplify:

(a) $45 - 68$

(b) $-18 - (-12)$

12. Multiply:

(a) $(-8) \times 7$

(b) $(-11) \times (-5)$

13. Verify the commutative property of addition for:

$$a = -9, b = 14$$

14. Find the value:

$$(-72) \div (-9)$$

Section C)

(5 × 4 = 20 Marks)

15. Simplify:

(a) $(-25) + 40 - 18 + (-7)$

(b) $36 - (-18) + (-12)$

16. Using suitable properties, find:

(a) $25 \times (-16)$

(b) $(-15) \times (8 + 2)$

17. A submarine is 450 m below sea level. It dives another 250 m.

(a) What is its new position?

(b) How far is it below sea level?

18. In a quiz, +5 marks are awarded for every correct answer and -2 marks for every incorrect answer.

A student answered 10 questions correctly and 6 incorrectly.

Find the final score.

19. A person climbs 6 m every minute but slips 2 m every minute.

If the building is 40 m high, how many metres does the person gain in 5 minutes?