

CLASS TEST-01
CHAPTER - INTEGERS

F.M.: 15

Date: 22/04/25
Time: 30 mins

[A] Choose the correct option : $[3 \times 1 = 3]$

1. Additive inverse of -35 is

- (a) $\frac{1}{35}$ (b) 35 (c) $-\frac{1}{35}$ (d) 0

2. Two negative integers whose difference is 36 are

- (a) $(-6, -30)$ (b) $(-9, -45)$ (c) $(-9, 45)$
(d) $(-7, -27)$

3. Identify the pair of integers whose sum is 1

- (a) $(13, -14)$ (b) $(21, -20)$ (c) $(0, -1)$
(d) $(22, 23)$

[B] State whether the following statements are true or false
 $[2 \times 1 = 2]$

1. The smallest integer is 0

2. Subtraction of integers satisfies commutative property

[C] Fill in the blanks $[2 \times 1 = 2]$

1. $(-6) + \{(-9) + (-5)\} = \{(-6) + (-9)\} + \square$

2. $77 + \square = 0$

[D] Answer the following questions

1. Simplify using suitable property $[2]$

$$20 \times (-16) + 20 \times 14$$

2. Additive identity of integers is _____ and multiplicative identity of integers is _____ $[2]$

3. Find the product $[1]$

$$(-60) \times (-10) \times (-2)$$

4. Which integer is additive inverse to itself $[1]$

5. Prove that addition of integers satisfies commutative property. [2]