

CLASS TEST - 02

CHAPTER - 01

F.M = 15

TIME: 30 MINUTES

A. Choose the correct option for the following:

1. What integer should be added to -11 to get 7 ? [1]

(a) -4 (b) 4 (c) 18 (d) -18

2. Identify the correct statement -

(a) $\frac{0}{-11} = -11$ (b) $\frac{9}{0} = 0$ (c) $\frac{5+(-5)}{7+(-8)} = 0$

(d) $\frac{2}{2} = 0$ [1]

B. Fill in the blank:

1. $(-135) \div \underline{\quad?} = 135$ [1]

$$2) -59 \times \underline{\quad} = -59 \times 100 + \underline{\quad} \times 2 \quad [1]$$

c]

1) Verify that

$$a \div (b+c) \neq (a \div b) + (a \div c)$$

for $a = -4$, $b = 2$ and $c = -12$ [2]

2] Apply suitable property for finding the values of the following

a) $-99 \times 7 + (-7)$ [2]

b) $(-76) \times (125) \times 10 \times (-80)$ [2]

3] In a test, (+2) marks are awarded for every correct answer and (-0.5) are awarded for every incorrect answer and 0 for not attempting any questions.

Rikita scored 38 marks. If she got 24 correct answers, how many questions has she attempted incorrectly? [3]

4) i) Assertion:

The additive inverse of integers is actually the reciprocal of that very integer.

Reason: The additive Identity is 0.

a) $A \vee R \vee E \vee$

b) $A \vee R \vee E \times$

c) $A \vee R \times$

d) $A \times R \vee$

[1]

ii) Assertion: Closure property doesn't satisfy for subtraction of integers.

Reason: $\frac{3}{2} - \frac{3}{4} = \frac{3}{4}$

a) $A \vee R \vee E \times$

b) $A \vee R \vee E \vee$

c) $A \times R \vee$

d) $A \vee R \times$ [1]