CHAPTER 1

INTEGERS

WORKSHEET

Question 1.

(-11) × 7 is not equal to

(a) 11 × (-7)

(b) -(11 × 7)

(c) (- 11) × (- 7)

(d) 7 × (-11)

Question 2.

(- 10) × (- 5) + (- 7) is equal to

(a) -57

(b) 57

(c) -43

(d) 43

Question 3.

Which of the following is the multiplicative identity for an integer 0?

(a) a

(b) 1

(c) 0

(d) -1

Question 4.

[(- 8) × (- 3)] × (- 4)] is not equal to

(a) (- 8) × [(- 3) × (- 4)]

(b) [(- 8) × (- 4)] × (- 3)

(c) [(- 3) × (- 8)] × (- 4)

(d) (- 8) × (- 3) – (- 8) × (- 4)

Question 5.

(- 25) × [6 + 4] is not same as

(a) (-25) × 10

(b) (-25) × 6 + (- 25) × 4

(c) -25 × 6 × 4

(d) – 250

Directions: Encircle the odd one of the following: (Questions 6 to 10)

Question 6.

(a) (- 9) × 5 × 6 × (- 3)

(b) 9 × (-5) × 6 × (-3)

(c) (- 9) × (- 5) × (- 6) × 3

(d) 9 × (- 5) × (- 6) × 3

Question 7

(a) (-100) ÷ 5

(b) (-81) ÷ 9

(c) (- 75) ÷ 5

(d) (-32) ÷ 9

Question 8.

(a) (- 1) × (- l)

(b) (- 1) × (- l) × (- 1)

(c) $(-1) \times (-1) \times (-1) \times (-1)$

(d) $(-1) \times (-1) \times (-1) \times (-1) \times (-1) \times (-1)$

Question 9.

(a) (-3, 3)

(b) (-5, 5)

(c) (-6, 1)

(d) (-8, 8)

Question 10.

(a) (-1, -2)

(b) (-5, 2)

(c) (- 4, 1)

(d) (- 9, 7)

11.Evaluate:

(i) $427 \times 8 + 2 \times 427$

(ii) $394 \times 12 + 394 \times (-2)$

12.Verify:

(i) $37 \times \{8 + (-3)\} = 37 \times 8 + 37 \times (-3)$

(ii) $(-82) \times \{(- 4) + 19\} = (-82) \times (- 4) + (-82) \times 19$

13.Eighteen integers are multiplied together. What will be the sign of their product, if:

(i) 15 of them are negative and 3 are positive?

(ii) 12 of them are negative and 6 are positive?

(iii) 9 of them are positive and the remaining are negative?

(iv) all are negative?

14.Evaluate:

(i) $42 \div 7 + 4$

(ii) $12 + 18 \div 3$

(iii) $19 - 20 \div 4$

(iv) $16 - 5 \times 3 + 4$

15. $45 - [38 - \{60 \div 3 - (6 - 9 \div 3) \div 3\}]$

16. $88 - \{5 - (-48) \div (-16)\}$

17. Add the product of (-13) and (-17) to the quotient of (-187) and 11.