General Instructions:

All questions are compulsory.

The question paper consists of 11 questions divided into three sections A, B and C.

SECTION A (Each question carries 1 mark)

1. What is the value of $43 \times (-1)$?

    (a) -43 (b) 43 (c) 1 (d) -1

2. $0 \div (-99) =$?

    (a) 0 (b) 99 (c) -99 (d) Not defined

3. Select a pair of integers whose sum is -4.

    (a) $(-3, 1)$ (b) $(3, -1)$ (c) $(-5, 1)$ (d) $(4, 0)$

4. What is the value of $(-20) - (-11)$?

    (a) 31 (b) 9 (c) -9 (d) -31

5. $(-1) \times (-1) \times (-1) \times$..........22 times is equal to:

    (a) -1 (b) 1 (c) 0 (d) Not defined

SECTION B (Each question carries 2 marks)

6. Find the value of $(-51) + 20 + (-91)$.

OR

The product of (-12) and the sum of numbers a and b is 132. If the value of a is 6, find the

value of b.

7. At Srinagar temperature was −6^{0}C on Monday and then it dropped by 3^{0}C on Tuesday and rose by 5^{0}C on Wednesday. What was the temperature on Tuesday and Wednesday?

8. Write the property used in the following statements.

    (a) (−3) + 5 = 5 + (−3)   (b) [(−10) × 3] × (−5) = (−10) × [3 × (−5)]

SECTION C (Each question carries 3 marks)

9. Find the value using suitable property. Name the property used.

    725 × (−54) + 725 × (−46)

OR

    Subtract the sum of (−1250) and 1752 from the additive inverse of product of 12 and (−5).

10. Find the value of the following.

    (a) (−5) × (−12) × 4   (b) (−85) ÷ [85 ÷ (−1)]

11. In a class test containing 15 questions, 5 marks are awarded for every correct answer and (−2) marks are awarded for every incorrect answer and 0 for questions not attempted.

    (a) Rohan scored 25 marks. If he has got 7 correct answers, how many questions has he attempted incorrectly?

    (b) Leena gets 9 correct answers and 5 incorrect answers out of 14 questions she attempts. What is her score?

*****THE END*****