



ASSIGNMENT-19



Marks Obtained: _____

Student's Name: _____ Section: _____

Roll Number: _____ Date: _____

A. Fill in the blanks

- The sum of -15 , 20 , and $-(-5)$ is _____.
- The absolute value of the sum of -8 and 5 is _____.
- The temperature difference between -12°F and 5°F is _____ $^{\circ}\text{F}$.
- A debt of ₹200 represented as an integer is _____.
- If $|P| = 0$, then $P =$ _____.

B. State true or false

- Zero is a positive integer. _____
- The sum of a fraction and an integer is an integer. _____
- Subtracting a negative integer is the same as adding its absolute value. _____
- All integers are whole numbers. _____
- $-10, -3, -2, 0, 3$ are in ascending order. _____

C. Match the following

Column I	Column II
1. $ 3 - -5 + -7 + 2 $	(a) 8
2. $-3 - (-11)$	(b) 3
3. $-14 + 19$	(c) 9
4. $0 - (-9)$	(d) -3
5. $-1 + 2 - 3 + 4 - 5$	(e) 5

D. Do as directed

- The temperature on a mountain peak is -48°C , while the temperature in a valley below is -15°C . If the temperature in the valley rises by 12°C , how much colder will the mountain peak be compared to the valley?
- In a maths test, 2 marks are awarded for each correct answer and 1 mark is deducted for each incorrect answer. The test consists of 40 questions. A student answered some of the questions while leaving others unanswered. The number of correct answers is twice the number of incorrect answers, and the student's total score is 30 marks.

How many questions did the student answer correctly, incorrectly, and leave unanswered?