Student note:

- **Marks will be awarded to questions with correct answers having appropriate steps**
- **Write all the steps while solving a question**
- **Mathematical statements compulsory**
- **Read the questions properly**
- **Don't rush to submit your responses**
- **Mind addition and subtraction signs while answering questions**

Name: **Date:**

Maximum Marks	**28**
Marks Obtained	
%	

Areas of Improvement:

Parent Signature	Parent Signature

Section A   [1 x 4 = 4]

Q1. In a game, a player scores +15 points in the first round, loses 8 points in the second round, and gains 6 points in the third round. What is the total score after three rounds?

Q2. A mountain climber starts at an elevation of 300 meters above sea level. He ascends 200 meters, then descends 500 meters. What is his final elevation?

Q3. A submarine is 150 meters below sea level. It rises 90 meters, then sinks 120 meters. What is the current position of the submarine?

Q4. The temperature in a city is 3°C below zero in the morning. It increases by 7°C at noon and then decreases by 5°C in the evening. What is the temperature in the evening?

Section B

Q5. Use a number line to write the following integers in ascending (increasing) order:

-6, 7, 0, -9, 5 and 9   [1 x 2 = 2]

Q6. Evaluate: [1 x 2 = 2]

(i) $|-13| - |-15|$

(ii) $|35 - 41| - |7 - (-2)|$

Q7. Evaluate the following: [1 x 4 = 4]

(i) -77 + (-84) + 318

(ii) 54 + (-218) – (-76)

(iii) -121 – (-78) + (-193) + 576

(iv) -65 + (-76) – (-28) + 32

Q8. $(-12) \times (-9) - 6 \times (-8)$ is equal to   [1 x 1 = 1]

(a) 156   (b) 60   (c) –156   (d) – 60

Q9. 86 + (- 28) + 12 + (- 34) is equal to   [1 x 1 = 1]

(a) 36   (b) – 36   (c) 6   (d) – 6

Q10. Replace * by < or > in each of the following to make the statement true: [2]

(i) (-6) + (-9) * (-6) – (-9)

(ii) (-12) – (-12) * (-12) + (-12)

(iii) (-20) – (-20) * 20 – (65)

(iv) 28 – (-10) * (-16) – (-76)

Q11. Evaluate the following: [1 x 2 = 2]

(i) – 8 – 24 + 31 – 26 – 28 + 7 + 19 – 18 – 8 + 33

(ii) – 26 – 20 + 33 – (-33) + 21 + 24 – (-25) – 26 – 14 – 34

Section C

Q12. Subtract the sum of – 1250 and 1138 from the sum of 1136 and – 1272.   [2]

Q13. The sum of two integers is – 16. If one of them is 53, find the other.   [1]

Q14. Subtract: -233 from – 33   [1]

Section D (BODMAS)

Q15. Simplify the expression using the BODMAS rule [18 – 2 (5 + 1)] ÷ 3 + 7.   [1]

Q16. Evaluate: [(18 – 6) ÷ 4] + [72 – 12 ÷ 3 of 2]   [1]

Q17. Simplify the given expression: 180 ÷ 15 {(12 – 6) – (14 – 12)}.   [1]

Q18. Evaluate: [(18 – 6) ÷ 4] + [72 – 12 ÷ 3 of 2]   [1]

Q19. $100 - [\{60 \div \overline{3+2} \div \{ (5 \text{ of } 3) \div \overline{1+4} \}] \text{ of } \overline{12+13}$ [2]