CHAPTER-2 | ARITHMETIC EXPRESSIONS

QUIZ PART-06

1. If Manasa wears her hat first and then her shoes, the final result is:
   A. Different
   B. Same
   C. Impossible
   D. Wrong (B)

Explanation : Wearing hat and shoes in either order gives the same final result.

2. In which case does the order matter?
   A. Hat and shoes
   B. Bag and cap
   C. Socks and shoes
   D. Book and pencil (C)

Explanation: Socks must be worn before shoes, so order matters here.

3. Four dosas cost ₹23 each and tip is ₹5. The correct expression is:
   A. 4 + 23 + 5
   B. 4 × 23 + 5
   C. 4 × (23 + 5)
   D. 23 + 5 × 4 (B)

Explanation: First find the cost of 4 dosas, then add the tip.

4. Value of 4 × 23 + 5 is:
   A. 92 B. 95
   C. 97 D. 99 (C)

Explanation: 4 × 23 = 92, and 92 + 5 = 97.

5. If the number of friends becomes 7 and tip stays ₹5, the expression is:
   A. 7 + 23 + 5
   B. 7 × 23 + 5
   C. 7 × (23 + 5)
   D. 23 × 5 + 7 (B)

Explanation : Cost of 7 dosas is 7 × 23, then add the fixed tip of ₹5.

6. The terms of 7 × 23 + 5 are:
   A. 7, 23, 5
   B. 7 × 23, 5
   C. 7, 23 + 5
   D. 7 × (23 + 5) (B)

Explanation : Terms are separated by +, so the terms are 7 × 23 and 5.

7. In the class game, 33 students are playing and the teacher calls out 5. Ruby writes:
   A. 5 × 6 + 3
   B. 6 × 5 + 3
   C. 33 × 5
   D. 6 + 5 + 3 (B)

Explanation : 33 students make 6 groups of 5, with 3 students left over.

8. If 33 students are playing and the teacher calls out 4, Ruby should write:
   A. 8 × 4 + 1
   B. 4 × 8 + 4
   C. 7 × 4 + 5
   D. 9 × 4 − 3 (A)

Explanation : 33 = 8 groups of 4 and 1 extra student.

9. If 33 students are playing and the teacher calls out 7, Ruby should write:
   A. 4 × 7 + 5
   B. 5 × 7 + 2
   C. 6 × 7 − 9
   D. 7 × 4 + 5 (A)

Explanation : 33 = 4 groups of 7 and 5 extra students.

10. Value of −3 × 7 + 10 × 3 − 6 is:
    A. 1
    B. 2
    C. 3
    D. 4 (C)

Explanation : −3 × 7 = −21 and 10 × 3 = 30. Then −21 + 30 − 6 = 3.