

BASIC LEVEL

Section – A

(Each Question carries 1 mark)

Fill in the blanks.

1. $2 + 3 - 9 \div 3 =$ _____
2. In simplification, addition comes after _____.
3. In simplification, _____ mathematical operation is processed in the last.
4. $\frac{1}{4} \times 20 - 4 =$ _____
5. $2.3 - 2.8 + 0.5 =$ _____
6. $\frac{1}{2} \times \frac{2}{3} - \frac{1}{3} =$ _____

Section – B

(Each Question carries 2 marks)

Simplify.

7. $21 + 9 - 5 + 4$
8. $3.5 + 2.4 - 1.7$
9. $\frac{1}{2} \times \frac{3}{4} - \frac{1}{4} + \frac{1}{4}$
10. $256 \div 4 - 12 + 35 \div 5$

Section – C

(Each Question carries 3 marks)

Simplify.

11. $\frac{3}{4} \% \text{ of } 280 - \frac{1}{4} \% \text{ of } 800$
12. $25 \div 5 - 1.2 + 3.5 - 2.5$
13. $\frac{1}{2} - \frac{1}{3} + \frac{2}{3} \div \frac{1}{3}$
14. $19 - 30 + 17 \div 3 \times 2$

Section – D

(Each Question carries 4 marks)

Simplify.

15. $1.8 \times 2.4 - 2 \times 2.1 + 0.12$
16. $7 + 7 \times 7 \div 7 - 7 + 7$

17. $2\frac{1}{5} + 2\frac{5}{7} \times \frac{7}{19} - \frac{1}{4} \times 3$
 18. $1.7 + 2.5 - 1.8 + 0.9$

STANDARD LEVEL

Section –A

(Each Question carries 1 mark)

Fill in the blanks.

1. A mathematical expression in which two or more operations occur together is called a _____.
2. $19 - 15 \div 5 + 7$
3. $(656 \times 231) \div 41$
4. $3.5 + \underline{\hspace{2cm}} - 5.5 = 2.5$
5. $(65.5 \times 15.5) \times 100 = \underline{\hspace{2cm}}$
6. $\frac{15}{17} \times \frac{102}{120} \div \frac{51}{30} = \underline{\hspace{2cm}}$
7. $1\frac{1}{8} + 1\frac{6}{7} + 3\frac{3}{5}$

Section – B

Each Question carries 2 marks)

Simplify.

8. $\frac{4}{7} \times 2\frac{4}{5} \div \frac{2}{5}$
9. $49 \div 7 + 7 \times 2$
10. $3.5 - 0.1 \times 5 + 1.2$
11. $4\frac{1}{4}$ of $32 - 9 \times 12$
12. $1\frac{1}{4} + \frac{3}{4} \times \frac{4}{5} - \frac{1}{5}$

Section – C

(Each Question carries 3 marks)

Simplify.

13. $25\% \text{ of } 400 - 280\% \text{ of } 25$

14. $8 - (5 + 6 \div 3)$
15. $37 - 5 + 28 - 17 - 7$
16. $\frac{1}{2}$ of 10 - $\frac{3}{4}$ of 12 + $\frac{1}{2} \times 10$

Section – D

(Each Question carries 4 marks)

Simplify.

17. $22 - \frac{1}{4}$ of 16 - $(8 \div 4 + 2)$
18. $36 - 12 + 3 \times 10 \div 2$
19. $150 - 70 - 60 - 30 + 20 - 10$
20. $45 - 38 - 60 \div 3 - 9 - 7 + 3$

ADVANCE LEVEL

Section – A

(Each Question carries 1 mark)

Fill in the blanks.

1. $4 \times \underline{\hspace{2cm}} \div 8 = 3$
2. $\frac{1}{4} \times 0.4 \times 5 - \frac{1}{2} \times 0.4 = \underline{\hspace{2cm}}$
3. $25 + \underline{\hspace{2cm}} \div 9 = 25 + 3$
4. $960 - 750 + \underline{\hspace{2cm}} = 230$
5. $20\% \text{ of } 500 - 110 + 200 = \underline{\hspace{2cm}}$
6. $\frac{1}{2}\% \text{ of } \frac{25}{4} + \frac{3}{4}\% \text{ of } \frac{50}{9} = \underline{\hspace{2cm}}$

Section – B

(Each Question carries 2 marks)

Simplify.

7. $\frac{3}{4}$ of 26 % of 850 - $\frac{1}{2}$ % of 400
8. $8\% \text{ of } \underline{\hspace{2cm}} = 723 + 45$

9. _____ $\times \frac{7}{12} \times \frac{5}{7} \times \frac{1}{2} = 2500$

10. $55 - 34 - 61 - 12 = 454$

Section – c

(Each Question carries 3 marks)

Simplify.

11. $11 \frac{1}{7} + 2 \frac{5}{7} - \frac{1}{14} \div \frac{7}{2}$

12. $120 - [50 - \{ 60 - 50 \} - 10]$

13. 15 of $[20 - (7+5+3)]$

14. $\frac{3}{4} \times \frac{1}{5} + \frac{3}{4} - \frac{1}{8} \div \frac{3}{4}$

15. $4.4 - 3 + 7.2 \div 0.6 \times 0.1$

Section – D

(Each Question carries 4 marks)

Simplify.

16. $27 - [5 + \{ 28 - (17 - 7) \}]$

17. 3 % of 48 – 5 % of 20 + 4 % of 25

18. $32 \div 4 - 3 \times \frac{1}{6} + 4 \%$ of 15

19. $2.8 \times 4.5 - 1.71 \div 19 + 3.4$

20. 3.5 of $\frac{1}{2} \%$ of 50 - $\frac{5}{2} \%$ of 20 + 4.5 % of 25