S1. Ans.(b)

$65 - 180 ÷ 6 × 15 ÷ 5 + 7 × 8 - 30 = 1$

$= 65 - 30 × 3 + 56 - 30$

$= 121 - 90 - 30 = 1$

S2. Ans.(b)

Sol. $6 × 300 - 4569 ÷ 3 + 35$

$⟹ 6 × 300 - 1523 + 35$

$⟹ 1835 - 1523 = 312$

S3. Ans.(c)

Sol. By interchanging 13 and 43.

$731 ÷ 43 + 450 - 25 × 13 = 142$

$⟹ 17 + 450 - 325 = 142$

$⟹ 17 + 125 = 142$

$⟹ 142 = 142$

S4. Ans.(b)

Sol. $55 ÷ 5 + 44 × 4 - 108 = 11 + 176 - 108 = 79$

S5. Ans.(c)

$550 + 128 ÷ 16 × 12 - 443 = 203$

$550 + 96 - 443 = 203$

$203 = 203$

S6. Ans.(a)

Sol.

$⟹ 252 ÷ 14 × 2 + 10 - 21$

$\Longrightarrow 36 + 10 - 21$

$\Longrightarrow 25$

S7.Ans(a)

Sol: $96 \div 16 \times 5 + 30 - 24 = 36$

$30 + 30 - 24 = 36$

$36 = 36$

S8.Ans(d)

Sol: $35 \div 7 \times 5 - 30 \div 6 + 18 = 38$

$25 - 5 + 18 = 38$

S9. Ans.(a)

Sol. $5 - 18 + 3 \times 6 \div 2 = 6$

change 5 and 3, + and −

$\Longrightarrow 3 + 18 - 5 \times 6 \div 2 = 6$

$= 3 + 18 - 15 = 6 \Longrightarrow 6 = 6$

Hence (a) is the answer.

S10. Ans.(d)

Sol. $28 + 64 \div 16 \times 4 - 6 = 38$

$28 + 4 \times 4 - 6 = 38$

$28 + 16 - 6 = 38$

$38 = 38$

S11. Ans.(d)

Sol. $117 = 95 - 30 + 65 \div 5 \times 4$

$117 = 95 - 30 + 52$

117 = 95 + 22

117 = 117

S12. Ans.(d)

Sol. 98 ÷ 14 × <mark>5</mark> + 92 − 73 = 54

7 × 5 − 92 − 73 = 54

35 + 92 − 73 = 54

127 − 73 = 54

S13. Ans.(a)

Sol.

$\Rightarrow$ 7 × 8 + 24 ÷ 12 − 6

$\Rightarrow$ 56 − 4

$\Rightarrow$ 52

S14. Ans.(a)

Sol. 35 ÷ 7 + 19 − 8 = 16

$\Rightarrow$ 16 = 16

S15. Ans.(a)

Sol. 14 × 19 − 65 + 253 ÷ 11 = 224

266 − 65 + 23 = 224

289 − 65 = 224

224 = 224

S16. Ans.(a)

Sol. 9 ÷ 6 × 4 + 3 − 6 = 3

6 +3 − 6 = 3

3 = 3

S17. Ans.(b)

Sol. $48 - 12 \times 36 \div 3 + 18$

$\Rightarrow 48 \div 12 + 36 \times 3 - 18$

$4 + 108 - 18 = 94$

S18. Ans.(b)

Sol.

$\Rightarrow 261 \div 29 \times 5 + 8 - 16$

$\Rightarrow 9 \times 5 + 8 - 16$

$\Rightarrow 53 - 16$

$\Rightarrow 37$

S19. Ans.(d)

Sol. $15 \times 3 - 30 + 65 \div 5 = 28$

$45 - 30 + 13 = 28$

$15 + 13 = 28$

$28 = 28$

S20. Ans.(d)

Sol. $95 \div 5 \times 3 + (194 + 6) \div 20 \times 5 + 16 = 123$

$\Rightarrow 19 \times 3 + (200) \div 5 + 16 = 123$

$\Rightarrow 57 + 50 + 16 = 123$

$123 = 123$