Class 5

 Chapter 8

 Simplification of numerical expressions

**Q1** : **Simplify the following numerical expression involving whole numbers:**

1. 12 + 4 - 8 ÷ 2 × 3 = ?
2. 4
3. 5
4. 15
5. 3

 **Answer : a) 4**

ii )  7 - 5 + 14 ÷ 2 + 6 = ?

1. 5
2. 20
3. 15
4. 10

 **Answer : c) 15**

iii ) 37 - 6 × 4 + 32 ÷ 8 = ?

1. 15
2. 17
3. 16
4. 18

 **Answer : b) 17**

 **iv)** 64 - 48 ÷ 6 × 4 + 8 = ?

1. 40
2. 48
3. 64
4. 60

 **Answer : a) 40**

V ) 16 ÷ 2 × 7 + 3 – 9 = ?

1. 60
2. 50
3. 59
4. 40

 **Answer : b ) 50**

**Q2 : Simplify the following numerical expression involving fractional numbers:**

1. **3**$\frac{1}{2}$**+**$\frac{5}{8}$ **÷**$\frac{3}{4}-\frac{1}{2}$**×2**$\frac{1}{2} $ **= ?**

1. **25/12**
2. **12/25**
3. **37/12**
4. **12/37**

**Answer : c) 37/12**

**ii ) 4**$\frac{1}{4}$**+3**$\frac{1}{8}$**÷1**$\frac{1}{4}$**- 1**$\frac{1}{4}$ **= ?**

1. $\frac{11}{2}$
2. **2**
3. $\frac{2}{11}$
4. $\frac{3}{11}$

**Answer : a)** $\frac{11}{2}$

 **iii )** $\frac{5}{6}$**÷**$\frac{1}{3}+\frac{3}{4}-\frac{5}{4}= ? $

1. **3**
2. **5**
3. **2**
4. **10**

 **Answer : c) 2**

**Q3 : Simplify the following numerical expressions** **involving decimal numbers**:

 i ) 0.2 + 1.3 - 0.4 × 1.5 = ?

1. 0.5
2. 0.7.
3. 0.9
4. 0.3

 **Answer : c) 0.9**

 ii ) 0.3 × 0.4 - 2.4 ÷ 6 + 1.2 × 4 = ?

1. 4.52
2. 3.52
3. 1.52
4. 2.52

 **Answer : a) 4.52**

 **iii )** 0.72 ÷ 1.2 + 3.5 × 4.2 - 1.6 = ?

1. 12.7
2. 13.7
3. 14.7
4. 15.7

**Answer : b) 13.7**

 **Iv )** 9.2 + 3.5 - 4.9 - 3.5 ÷ 0.7 × 1.2 = ?

1. 1.7
2. 2.8
3. 1.8
4. 2.7

**Answer : c) 1.8**

**v)** 5.01 × 1.2 - 2.4 ÷ 2 = ?

1. 4.312
2. 3.120
3. 4.812
4. 5.112

 **Answer : c) 4.812**

**Q4 : 8.1 × 2.1 – 3.6 ÷ 1.8 = ?**

1. **14**
2. **13**
3. **15.01**
4. **12.01**

 **Answer : c) 15.01**

**Q5 : 14 x 7+36÷4+14 = ?**

1. 125
2. 121
3. 90
4. 85

**Answer : b )121**

 **Q6 : 100-56÷7+15 x 2 = ?**

1. 122
2. 124
3. 140
4. 144

 **Answer : a) 122**

**Q7 :** (10 x 8) ÷ (20÷5) = ?

1. 50
2. 40
3. 20
4. 30

 **Answer : c) 20**

Q8 : [{64-(12+13)}÷3]+15 = ?

1. 25
2. 27
3. 28
4. 23

 **Answer : c) 28**

**Q9 :** 20- {18÷(7-2+1)} = ?

1. 17
2. 16
3. 15
4. 12

 **Answer : a) 17**

 Q10 : 2[19-{7+(12÷4)}] = ?

1. 17
2. 15
3. 14
4. 18

 **Answer : d) 18**