Section-A

1. The value of 0.03784 x 1000 is
   a) 3.784  
   b) 37.84  
   c) 378.4  
   d) 3784

2. 3.470 g = ____________ kg.
   a) 34.7  
   b) 347  
   c) 3.47  
   d) 0.347

3. On subtracting 4.81 from 43.17, we get
   a) 38.36  
   b) 38.81  
   c) 38.17  
   d) 47.98

4. The reciprocal of rational number \( \frac{2}{14} \) is
   a) \( \frac{1}{7} \)  
   b) 7  
   c) \( \frac{1}{28} \)  
   d) none of these

5. The additive inverse of \( \frac{-3}{7} \) is
   a) \( \frac{7}{3} \)  
   b) \( \frac{-7}{3} \)  
   c) \( \frac{3}{7} \)  
   d) \( \frac{5}{7} \)

6. Standard form of \( \frac{-45}{75} \) is
   a) \( \frac{9}{15} \)  
   b) \( \frac{-9}{15} \)  
   c) \( \frac{-3}{5} \)  
   d) \( \frac{-3}{-5} \)

Section-B

1. Express
   a) 235 paise in rupees
   b) 1 kg 5 g as kg

2. A car covers 120.55 km in 10 litres of petrol. How much distance will it cover in 1 litre of petrol?
3. Represent $\frac{-4}{7}$ on a number line.

4. Subtract $\frac{5}{9}$ from $\frac{-9}{10}$.

SECTION – C

1. Find a rational number between $\frac{-3}{2}$ and $\frac{2}{3}$.

2. Find the area of a square each of whose side measures 23.45 m.

3. A retailer sells Basmati rice at the rate of 71.45 per kg. Find what Seema had to pay for 50 kg of rice?

4. Write in ascending order:

$$\frac{2}{3}, \frac{1}{9}, \frac{-3}{6}, \frac{1}{3}$$

SECTION – D

1. Show that $\frac{9}{4} \times (\frac{-7}{5} \times \frac{1}{2}) = (\frac{9}{4} \times \frac{-7}{5}) \times \frac{1}{2}$

2. In a super market, the cost of a table lamp is 870, on which $\frac{1}{5}$th is off. The same table lamp is available at an electric shop for 920 with a discount of $\frac{1}{10}$th. From where should one buy the lamp? What is the difference in prices?

3. Shyama bought 5 kg 300 g apples and 3 kg 250 g mangoes. Sarla bought 4 kg 800 g oranges and 4 kg 150 g bananas. Who bought more fruits?

4. Simplify: $7.5 - [2.25 \div \{1.25 - 0.5 (1.5 - 0.75 - 0.5)\}]$

5. Simplify: $\frac{2}{5} + \left[\frac{8}{5} \div \frac{12}{4} + \frac{4}{5} - \frac{3}{5}\right]$

Teacher’s Remarks:

*******************************************************************************