Ch- 16 Decimals

Q1. Write the decimal form for the following:

(i) $\dfrac{69}{10}$	(ii) $\dfrac{61}{1000}$
(iii) $1\dfrac{7}{100}$	(iv) $\dfrac{3}{8}$

Q2. Write the following decimals in the place value:

(i) 353.7	(ii)105.87	(iii)654.850

Q3. Write the following as a decimal:

(i) Five Hundred three point three	(ii)Thirty point seven nine four one
(iii) Sixty-two and four thousandths	(iv)Three hundreds three tenths and three hundredths

Q4. Write the decimal number for the given expanded form:

(i) $240 + 3 + \dfrac{9}{10} + \dfrac{8}{100} + \dfrac{7}{1000} =$
(ii) $700 + \dfrac{3}{10} + \dfrac{9}{1000} =$
(iii) $100 + 30 + 5 + \dfrac{9}{100} + \dfrac{7}{1000} =$

Q5. Compare the following decimals:

(i) 3.08 [ ] 3.86	(ii) 36.8 [ ] 63.008
(iii) 203.57 [ ] 203.57	(iv) 43.08 [ ] 43.0799

Q6. Convert the following decimal numbers in fraction form:

(i) 0.065	(ii) 0.009

Q7. Convert the given decimals into fraction or mixed fraction:

(i) 2.065	(ii) 5.025

Q8. Write the following decimal numbers in ascending and descending order:

(i) 53.1,   53.12,   53.013,   53.113

(ii) 75.012,   75.12,   75.0012,   75

Q9. Convert the following fractions into decimals by long division method:

(i) $\dfrac{8}{25}$	(ii) $3\dfrac{8}{5}$

Q10. Simplify the following:

(i) 3.12 + 100 - 98.9	(ii) 44.444 - 123.352 + 300

Q11. Express the following using decimals:

(i) 73 paise (in Rs.)	(ii) 5 m 8 cm (in m)
(iii) 18 kL 70 L (in kL)	(iv) 24 minutes (in hours)

Q12. Solve the following word problems:

(i) Yaana spent Rs. 72.75 for a Maths book and Rs. 52.50 for a Science book. Find the total amount spent by Yaana.

(ii) Rashi bought 18 kg of fruits. Out of this 4 kg 500 g were grapes, 3 kg 850 g were oranges and rest were apples. Find the quantity of apples purchased by her?

(iii) Mahima bought mangoes weighting 5 kg 200 g. Out of this, she gave 3 kg 500 g to her friend. What is the weight of mangoes left with her?

(iv) Rahi had 25 m 15 cm long cloth. She cut 6 m 45 cm and 10 m 25 cm of the cloth from this to make two dresses. How much cloth is left with her ?

(v) Siya bought 15 kg 258 g rice, 7 kg 50 g flour ,2 kg pulses and 500 g sugar for her family. Find the total weight of these items.