

Chapter-3

Worksheet-1

Answer Key

1. (d) 2. (c) 3. (d) 4. (a) 5. (b)
6. 474.5 7. (a) $2000 + 80 + \frac{3}{10} + \frac{4}{100}$ (b) 4007.038
8. 155.24 9. 0.2, 0.21, 0.22, 1.8, 2.1 10. 1286.11
11. 26 kg 525 g 12. ₹ 330.75
13. (a) 26 kg 5 g (b) 12.8 cm (c) 456.051 km (d) ₹ 7.25
- (e) 0.085 L (f) 0.009 g
14. (a) 1233.32 (b) 491.91
15. $0.88 > 0.818 > 0.6 > 0.571$

Difference = $0.880 - 0.571 = 0.309$

16. 198.71 17. (a) 3767.836 (b) 12498.34
18. 10.60 m
19. (a) $600 + 0 + 6 + 0 + \frac{6}{100} = 606.06$ (b) $5 + \frac{5}{10} + \frac{5}{100} = 5.55$
20. (a) 2.50, 2.52, 2.54 (b) 6.36, 6.76, 7.26
- (c) 55.16, 45.15, 35.14 (subtraction of 10.01)
- (d) 17.5, 20, 22.5

Assertion & Reason

1. (d) 2. (a) 3. (d)

Case Study Based Questions

1. i. (b) ii. (a) iii. (c) iv. (a)
2. i. (b) ii. (c) iii. (d) iv. (a)



Worksheet-2

1. (c) 2. (c) 3. (b) 4. (d) 5. (b)
6. 3.43 7. -6891.59775 8. -17.2386
9. $0.5517 < 0.5833 < 0.625 < 0.75 < 0.8125$
10. 0.933 and 0.567
11. 2.25 12. 2 13. 0.64 14. 0.3083
15. 184.388 km 16. $\frac{1}{100}$ 17. 153.6003

(Explanation)

$$4A + \frac{7}{B} + 2C + \frac{5}{D} + 6E = 47.2506$$

$$4A + \frac{7}{B} + 2C + \frac{5}{D} + 6E = 40 + 7 + 0.2 + 0.05 + 0.0006$$

(Comparing the terms)

$$4A = 40, \quad \frac{7}{B} = 7, \quad 2C = 0.2$$

$$A = 10$$

$$B = 1$$

$$C = 0.1$$

$$\frac{5}{D} = 0.05, \quad 6E = 0.0006$$

$$D = 100$$

$$E = 0.0001$$

$$5A + 3B + 6C + D + 3E$$

$$(5 \times 10) + (3 \times 1) + (6 \times 0.1) + 100 + (3 \times 0.0001)$$

$$50 + 3 + 0.6 + 100 + 0.0003 = 153.6003$$

Assertion & Reason

1. (a) 2. (d) 3. (a)

Case Study Based Questions

1. i. (d) ii. (b) iii. (c) iv. (d)
2. i. (d) ii. (c) iii. (b) iv. (c)

