

* Choose The Right Answer From The Given Options.[1 Marks Each]

[4]

1. The decimal form of 854 tenths is-

- (A) 8.54 (B) 85.4 (C) 0.854 (D) None of these

Ans. : (B) 85.4

2. The decimal form of 729 hundredths is-

- (A) 729 (B) 72.9 (C) 7.29 (D) None of these

Ans. : (C) 7.29

3. The sum of 13.87 and 2.005 is-

- (A) 15.875 (B) 1.5875 (C) 158.75 (D) 0.15875

Ans.: (A) 15.875

4. A fruit vendor has 1.012 kg of oranges out of which 0.250 kg were rotten. The weight of fresh oranges is-

- (A) 5.26 kg (B) 0.440 kg (C) 0.762 kg (D) 7.62 kg

Ans. : (C) 0.762 kg

* a statement of Assertion (A) is followed by a statement of Reason (R). Choose the correct option. [1]

5. Assertion (A): 38 paise = ₹ 0.38.

Reason (R): One rupee = 100 paise.

- (A) Both assertion and reason are true and the reason is the correct explanation of assertion.
(B) Both assertion and reason are true but the reason is not the correct explanation of the assertion.
(C) Assertion is true and the reason is false.
(D) Assertion is false and the reason is true.

Ans.: (A) Both assertion and reason are true and the reason is the correct explanation of assertion.

* Fill In The Blanks With Correct Alternative.[1 Marks Each]

[7]

6. _____ mm = 42.9 cm.

Ans. : 429

7. 826 cm = _____ m.

Ans. : 8.26

8. _____ g = 9.5 kg.



Ans. : 9500

9. 1834 mm = _____ cm.

Ans. : 183.4

10. 1749 g = _____ kg.

Ans. : 1.749

11. _____ mm = 0.325 m.

Ans. : 325

12. 380 p = ₹ _____.

Ans. : 3.80

* Answer The Following Questions In One Sentence.[1 Marks Each]

[7]

13. The length of a clownfish is $4\frac{3}{10}$ cm, and the length of a cardinal tetra is $2\frac{5}{10}$ cm. What is the difference in their 10 lengths?



Clownfish



Cardinal Tetra

Ans. : $1\frac{8}{10}$

14. Find the sum and difference of $10\frac{1}{10}\frac{5}{100}$ and $6\frac{2}{10}\frac{6}{100}$.

Ans. : Sum: $16\frac{4}{10}\frac{1}{100}$

Difference: $3\frac{8}{10}\frac{9}{100}$

15. Which among these are the same: 8.9, 8.02, 0.809, 8.090, 8.90, 8.009, 08.90?

Ans. : 8.9, 8.90 and 08.90, 8.09 and 8.090

16. Which is larger?

(a) 6.78 or 6.87

(b) 7.90 or 17.900

Ans. : (a) 6.87

(b) 17.900

17. Which among these is closest to 5: 4.56, 4.65, 4.099?

Ans. : 4.65

18. Sunaina's father paid an electricity bill of ₹ 385.70. Out of a 500-rupee note, how much change should he have received?

Ans. : ₹ 114.30

19. Sita purchases 0.75 kg of wheat, 0.5 kg of barley, and 0.45 kg of oats. What is the total weight of the items she bought?

Ans. : 1.7 kg

* Questions With Calculation.[3 Marks Each]

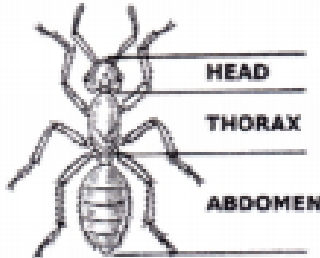
[15]

20. The lengths of the body parts of an ant are as follows :

Head = $(1\frac{4}{10})$ units,

Thorax = $(2\frac{6}{10})$ units

Abdomen = $(3\frac{7}{10})$ units.



Find its total length of the ant.

Ans. : Total length of ant = $1\frac{4}{10} + 2\frac{6}{10} + 3\frac{7}{10}$

$$= (1 + 2 + 3) + (\frac{4}{10} + \frac{6}{10} + \frac{7}{10}) = 6 + \frac{17}{10}$$

$$= 6 + \frac{10}{10} + \frac{7}{10}$$

$$= 6 + 1 + \frac{7}{10}$$

$$= 7 + \frac{7}{10}$$

So, the total length is 7 units and 7 one-tenths, i.e., $7\frac{7}{10}$ units

21. (a) Find the value of $7\frac{9}{100} - 3\frac{5}{100}$?

(b) What will be the sum of $6\frac{4}{10}\frac{8}{100}$ and $14\frac{5}{10}\frac{3}{100}$?

Ans. : (a)

$$\begin{array}{r} 7\frac{9}{100} \\ -3\frac{5}{100} \\ \hline 4\frac{4}{100} \end{array}$$

Student Bro



(b)

$$\begin{aligned} & 6\frac{4}{10}\frac{8}{100} + 14\frac{5}{10}\frac{3}{100} \\ &= (6 + 14) + \left(\frac{4}{10} + \frac{5}{10}\right) + \left(\frac{8}{100} + \frac{3}{100}\right) \\ &= 20 + \frac{9}{10} + \frac{11}{100} = 20 + \frac{9}{10} + \frac{10}{100} + \frac{1}{100} \\ &= 20 + \frac{9}{10} + \frac{1}{10} + \frac{1}{100} \\ &= 20 + \frac{10}{10} + \frac{1}{100} = 20 + 1 + \frac{1}{100} = 21\frac{1}{100} \end{aligned}$$

22. Arrange the following numbers in descending order :

(a) 10.98, 10.089, 10.809, 10.908, 10.981

(b) 22.31, 22.13, 22.331, 22.313, 22.133

Ans. : (a) We will write the given decimal numbers as:

10.980, 10.089, 10.809, 10.908, 10.981

Hence, the given decimals in descending order are:

10.981, 10.98, 10.908, 10.809, 10.089

(b) We will write the given decimal numbers as:

22.310, 22.130, 22.331, 22.313, 22.133

Hence, the given decimals in descending order are:

22.331, 22.313, 22.31, 22.133, 22.13

23. Ravi delivers 2.5 kg, 3.2 kg, and 4.1 kg of vegetables to a store in the first three days. In 7 days, he delivers 20 kg of vegetables. What is the total quantity of vegetables delivered in the last four days?

Ans. : The total vegetables delivered in the first 3 days:

2.5 kg + 3.2 kg + 4.1 kg = 9.8 kg

Total vegetables delivered in 7 days = 20 kg (Given)

Vegetables delivered in the last 4 days = 20 kg - 9.8 kg = 10.2 kg

Ravi delivered 10.2 kg of vegetables in the last four days. 5.

24. In the number line given below, what decimal numbers do the boxes labelled 'u', 'v', 'w', and 'x' represent?

Ans. : There are 10 divisions between 6.1 and 6.6, so each division is a tenth part of 0.5 or $\frac{5}{10}$, i.e., $\frac{5}{100} = 0.05$ units. Therefore, the first division after 6.1, denoted by 'v', represents the number 6.15, while the fourth division, denoted by 'v', represents the number 6.3, the seventh division, denoted by 'w', represents the number 6.45, and the first division after 6.6, denoted by 'x' represents the number 6.65.

* case - based/data -based questions

[4]



Case Based Question

A digital wallet is an electronic alternative to a traditional wallet, enabling you to make payments for a wide range of products and services. Whether shopping or dining out, many people now prefer using digital wallets over other payment methods.

Kritika and Ajay are friends, and they use digital wallets. Kritika had ₹ 256.45 in her wallet, Ajay wallet's had ₹ 1121.77. On Sunday, they went a mall for shopping.-

Based on the above information, answer the following questions :

25. Kritika bought a toothpaste for ₹ 71.75, soap for ₹ 41.25, and shoe polish for ₹ 52. Find the money left in her wallet.
26. Ajay bought 3 notebooks for ₹ 106.50 and 4 bottles of juice for ₹ 873.00. Find the money left in his wallet.
27. After shopping, find the sum of the money left in their wallets.

Ans. : (1) Kritika's total expense = ₹ 71.75 + ₹ 41.25 + ₹ 52 = ₹ 165.00

Money left = ₹ 256.45 - ₹ 165.00 = ₹ 91.45

(2) Ajay's total expense = ₹ 106.50 + ₹ 873.00 = ₹ 979.50

Money left = ₹ 1121.77 - ₹ 979.50 = ₹ 142.27

(3) Sum of the money left = ₹ 91.45 + ₹ 142.27 = ₹ 233.72

* Match the following.

[4]

28.

Column A	Column B
(a) 18 tens and 6 tenths	(i) 34.75
(b) 45 tens, 45 ones, 45 tenths, and 45 hundredths	(ii) 233.3
(c) 22 tens, 13 ones, and 3 tenths	(iii) 499.95
(d) 9 tens, 8 tenths, and 70 hundredths	(iv) 180.6
	(v) 91.5

Ans. :

Column A	Column B
(a) 18 tens and 6 tenths	(iv) 180.6
(b) 45 tens, 45 ones, 45 tenths, and 45 hundredths	(iii) 499.95
(c) 22 tens, 13 ones, and 3 tenths	(ii) 233.3
(d) 9 tens, 8 tenths, and 70 hundredths	(v) 91.5
