



1. If 8 vadas cost ₹64, how many vadas can be purchased with ₹288?  
(i) 38 (ii) 33 (iii) 37 (iv) 35 (v) 36
2. 15 m of cloth is required to stitch 7 dresses. How many meters of cloth is required to stitch 17 dresses?  
(i) 33.43 m (ii) 36.43 m (iii) 39.43 m (iv) 41.43 m (v) 31.43 m
3. The cost of 10 kg of tomatoes is ₹280. How many kgs of tomatoes can be purchased with ₹364 ?  
(i) 8 kg (ii) 13 kg (iii) 10 kg (iv) 18 kg (v) 16 kg
4. Find the ratio between 2 months and 5 years 3 months  
(i) 1:63 (ii) 2:65 (iii) 2:60 (iv) 2:63
5. An office contains 616 employees of 4 types. There are 220 managers and 176 team leaders. The developers and testers are in the ratio 3 : 2. The number of testers in the office =  
(i) 89 (ii) 86 (iii) 88 (iv) 87 (v) 91
6. Find the ratio between 5 m and 3 km  
(i) 1:598 (ii) 1:602 (iii) 0:600 (iv) 1:600
7. Find the missing value in the equation  $40:10 = \underline{\hspace{1cm}}:6$   
(i) 26 (ii) 25 (iii) 23 (iv) 22 (v) 24
8. The ratio equivalent of the fraction  $\frac{37}{83} =$   
(i) 36:83 (ii) 83:37 (iii) 37:83 (iv) 37:80 (v) 37:85
9. A box contains 50 pens and 250 pencils. The ratio of pens to the total stationary items =  
(i) 1:6 (ii) 1:4 (iii) 0:6 (iv) 1:8 (v) 2:6
10. Find the ratio between 5 gm and 5 kg  
(i) 1:1003 (ii) 1:997 (iii) 0:1000 (iv) 1:1000
11. If 45 men can do a piece of work in 168 days, how many men can do the same work in 60 days?  
(i) 129 (ii) 125 (iii) 123 (iv) 127 (v) 126
12. A train from Calcutta travelling at a speed of 28kmph reaches Chennai in 10hr. If the train travels at the speed of 35kmph it reaches Chennai in 8hr. The ratio of times taken =  
(i) 5:1 (ii) 5:7 (iii) 6:4 (iv) 5:4 (v) 4:4
13. An office contains 141 managers, 94 team leaders, 141 developers and 235 testers. The ratio of team leaders and developers =  
(i) 2:3 (ii) 3:3 (iii) 2:6 (iv) 1:3 (v) 2:1

14. Find the missing value in the equation  $18 : \underline{\hspace{1cm}} = 30 : 5$

- (i) 6 (ii) 0 (iii) 3 (iv) 2 (v) 4

15. Find the ratio between 3 months and 9 years

- (i) 1:33 (ii) 0:36 (iii) 1:38 (iv) 1:36

16. The fraction equivalent of the ratio  $5:9 =$

- (i)  $\frac{5}{7}$  (ii)  $\frac{5}{9}$  (iii)  $\frac{7}{9}$  (iv)  $\frac{9}{5}$  (v)  $\frac{1}{3}$

17. Find the ratio between 47 min and 35 hr

- (i) 47:2098 (ii) 46:2100 (iii) 47:2102 (iv) 47:2100

18. A box contains 378 stationary items of 2 types. The pens and pencils are in the ratio 5 : 2. The number of pencils in the box =

- (i) 106 (ii) 107 (iii) 110 (iv) 108 (v) 109

19. Find the ratio between 9 l and 4 kl

- (i) 8:4000 (ii) 9:4000 (iii) 9:3998 (iv) 9:4002

20. An office contains 164 managers, 123 team leaders, 41 developers and 287 testers. The ratio of managers to the total employees =

- (i) 3:15 (ii) 4:18 (iii) 4:15 (iv) 5:15 (v) 4:12

21. A vehicle can cover certain distance in 104 min, running at a speed of 90 kmph. At what speed must the vehicle run to cover the same distance in 80 min?

- (i) 104 kmph (ii) 129 kmph (iii) 131 kmph (iv) 92 kmph (v) 117 kmph

22. A vehicle can cover certain distance in 77 min, running at a speed of 90 kmph. In how many minutes, the vehicle covers the same distance running at a speed of 70 kmph?

- (i) 94 min (ii) 104 min (iii) 96 min (iv) 102 min (v) 99 min

23. An office contains 168 managers, 112 team leaders, 28 developers and 140 testers. The ratio of managers and testers =

- (i) 5:5 (ii) 6:3 (iii) 6:5 (iv) 7:5 (v) 6:8

24. Find the missing value in the equation  $45:5 = 27:\underline{\hspace{1cm}}$

- (i) 4 (ii) 3 (iii) 2 (iv) 1 (v) 6

25. If 15 eggs cost ₹120, how much will 26 eggs cost?

- (i) ₹195 (ii) ₹233 (iii) ₹208 (iv) ₹192 (v) ₹221

## Assignment Key

1) (v)	2) (ii)	3) (ii)	4) (iv)	5) (iii)	6) (iv)
7) (v)	8) (iii)	9) (i)	10) (iv)	11) (v)	12) (iv)
13) (i)	14) (iii)	15) (iv)	16) (ii)	17) (iv)	18) (iv)
19) (ii)	20) (iii)	21) (v)	22) (v)	23) (iii)	24) (ii)
25) (iii)					