



1. If Raju can read 224 pages in 16 hr, he can read 182 pages in how many hours?  
(i) 10 hr (ii) 13 hr (iii) 18 hr (iv) 16 hr (v) 8 hr
2. The consequent in the ratio 7:18 =  
(i) 4 (ii) 17 (iii) 7 (iv) 20 (v) 18
3. In a school of 400 students, 20.00% students are boys. The number of boys who failed the final exam is 40. The number of girls who failed is 230. The number of girls who passed the exam =  
(i) 90 (ii) 87 (iii) 92 (iv) 89 (v) 91
4. Given SI = simple interest, P = principal, T = time, R = rate percent per annum, find principal  
(i)  $\frac{100 \times SI}{R \times T}$  (ii)  $\frac{100 \times SI}{P \times R}$  (iii)  $\frac{100 \times SI}{P \times T}$  (iv)  $\frac{PTR}{100}$
5. If M.P = ₹4970.00 and discount = ₹420.00, then discount % =  
(i) 8.45% (ii) 9.45% (iii) 6.45% (iv) 7.45% (v) 10.45%
6. If the cost of 30 apples is ₹930.00 and the cost of 180 apples is ₹5580.00, the ratio of apples =  
(i) 1:9 (ii) 1:4 (iii) 1:6 (iv) 0:6 (v) 2:6
7. If S.P = ₹2970.00 and discount = ₹1960.00, then discount % =  
(i) 44.76% (ii) 36.76% (iii) 42.76% (iv) 39.76% (v) 34.76%
8. If Mohan can read 38 pages in a 228 pages book in 2 hr, how much more time will it take to complete the book?  
(i) 5 hr (ii) 13 hr (iii) 7 hr (iv) 10 hr (v) 15 hr
9. If C.P = ₹3440.00 and S.P = ₹2730.00, then loss % =  
(i) 20.64% (ii) 15.64% (iii) 17.64% (iv) 25.64% (v) 23.64%
10. If 15 l of puja oil costs ₹300, how much of puja oil costs ₹700?  
(i) 40 l (ii) 38 l (iii) 30 l (iv) 35 l (v) 32 l
11. 49.00% of a number is 686.00. What is 18.00% of the number?  
(i) 250 (ii) 252 (iii) 253 (iv) 251 (v) 254
12. If 'a' is short of 'b' by x%, then 'b' exceeds 'a' by  
(i)  $[\frac{100 + x}{x} \times 100]\%$  (ii)  $[\frac{x}{100 + x} \times 100]\%$  (iii)  $[\frac{100 - x}{x} \times 100]\%$  (iv)  $[\frac{x}{100 - x} \times 100]\%$
13. The antecedent in the ratio 7:5 =  
(i) 7 (ii) 5 (iii) 6 (iv) 3 (v) 10

14. If C.P = ₹2980.00 and loss % = 41.95%, then loss =

- (i) ₹1250.00 (ii) ₹1120.00 (iii) ₹1410.00 (iv) ₹1490.00 (v) ₹980.00

15. In a school of 700 students, 525 students are boys. The number of boys who failed the final exam is 115. The number of girls who failed is 105. The percentage of girls who failed the exam =

- (i) 59.00% (ii) 61.00% (iii) 62.00% (iv) 58.00% (v) 60.00%

16. 0.44 =

- (i) 46.00% (ii) 43.00% (iii) 45.00% (iv) 42.00% (v) 44.00%

17. If 'a' is short of 'b' by 4.00%, then 'b' exceeds 'a' by

- (i) 3.17% (ii) 6.17% (iii) 5.17% (iv) 2.17% (v) 4.17%

18. If the radius of a circle is decreased by 8.00%, its area will decrease by

- (i) 16.36% (ii) 14.36% (iii) 13.36% (iv) 17.36% (v) 15.36%

19. The cost of an article is ₹80.00. If it is decreased by 5.00%, what is the new cost of the article?

- (i) ₹77.00 (ii) ₹75.00 (iii) ₹74.00 (iv) ₹78.00 (v) ₹76.00

20. The consequent in the ratio  $\frac{4}{13} : \frac{13}{7} =$

- (i)  $\frac{13}{7}$  (ii)  $\frac{4}{13}$  (iii)  $\frac{2}{13}$  (iv)  $\frac{13}{5}$  (v)  $\frac{15}{7}$

21. Find the missing value in the equation  $30 : \underline{\hspace{1cm}} = 54 : 9$

- (i) 6 (ii) 4 (iii) 8 (iv) 5 (v) 2

22. If C.P = ₹1180.00 and profit = ₹1040.00, then profit % =

- (i) 83.14% (ii) 91.14% (iii) 85.14% (iv) 88.14% (v) 93.14%

23. The specification on a printer says that it prints 3600 pages in 40 min. If 5400 pages have to be printed, how long will it take ?

- (i) 65 min (ii) 55 min (iii) 57 min (iv) 63 min (v) 60 min

24. Divide 2508 in the ratio 16 : 3 : 19

- (i) 1056 , 196 , 1254 (ii) 1056 , 201 , 1254 (iii) 1057 , 198 , 1254 (iv) 1055 , 198 , 1254  
(v) 1056 , 198 , 1254

25. 10.00% of 30.00  $\times$  7.00% of 30.00 =

- (i) 6.40 (ii) 6.30 (iii) 6.50 (iv) 6.10 (v) 6.20

## Assignment Key

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