



1. If 8 toys cost ₹72, how much will 29 toys cost?  
(i) ₹261 (ii) ₹288 (iii) ₹277 (iv) ₹244 (v) ₹256
2. If 14 eggs cost ₹70, how many eggs can be purchased with ₹200?  
(i) 39 (ii) 38 (iii) 41 (iv) 42 (v) 40
3. If 8 l of petrol costs ₹120, how much will 40 l cost?  
(i) ₹586 (ii) ₹628 (iii) ₹600 (iv) ₹615
4. If 15 l of mustard oil costs ₹270, how much of mustard oil costs ₹522?  
(i) 34 l (ii) 32 l (iii) 29 l (iv) 26 l (v) 24 l
5. If 18 men can make 36 toy cars in a day, how many toy cars are made by 16 men in a day?  
(i) 31 (ii) 34 (iii) 29 (iv) 33 (v) 32
6. If 12 men can make 60 sweaters in a day, how many men are needed to make 75 sweaters in a day?  
(i) 15 (ii) 14 (iii) 18 (iv) 13 (v) 16
7. If Nagarjuna can read 200 pages in 10 hr, how many pages can he read in 15 hr?  
(i) 300 (ii) 299 (iii) 298 (iv) 301 (v) 303
8. If Charan can read 260 pages in 20 hr, he can read 156 pages in how many hours?  
(i) 9 hr (ii) 15 hr (iii) 12 hr (iv) 7 hr (v) 17 hr
9. If Vivek can read 44 pages in a 176 pages book in 2 hr, how much more time will it take to complete the book?  
(i) 6 hr (ii) 4 hr (iii) 5 hr (iv) 7 hr (v) 8 hr
10. If Sunny can make 221 sandwiches in 13 min, in how much time can he complete an order of 340 sandwiches ?  
(i) 17 min (ii) 15 min (iii) 25 min (iv) 23 min (v) 20 min
11. If 156 men can do a piece of work in 80 days, how many men can do the same work in 104 days?  
(i) 120 (ii) 118 (iii) 121 (iv) 119 (v) 123
12. If 56 men can do a piece of work in 60 days, 35 men can do the same work in how many days?  
(i) 99 days (ii) 101 days (iii) 91 days (iv) 96 days (v) 93 days
13. If 10 men can build  $\frac{1}{3}$  of a wall in 29 days,  
in how much more time is the wall completely built ?  
(i) 55 days (ii) 61 days (iii) 53 days (iv) 58 days (v) 63 days

14. A vehicle can cover certain distance in 55 min, running at a speed of 80 kmph. At what speed must the vehicle run to cover the same distance in 40 min?  
(i) 118 kmph (ii) 84 kmph (iii) 134 kmph (iv) 110 kmph (v) 108 kmph
15. A vehicle can cover certain distance in 156 min, running at a speed of 80 kmph. In how many minutes, the vehicle covers the same distance running at a speed of 120 kmph?  
(i) 89 min (ii) 104 min (iii) 122 min (iv) 87 min (v) 130 min
16. A person has to travel from one town to another town which is at a distance of 950 km. He covers 570 km in 15 hr. In how much more time will he reach his destination?  
(i) 15 hr (ii) 7 hr (iii) 10 hr (iv) 13 hr (v) 5 hr
17. The cost of 20 kg of radish is ₹460. How many kgs of radish can be purchased with ₹414 ?  
(i) 18 kg (ii) 13 kg (iii) 15 kg (iv) 21 kg (v) 23 kg
18. The cost of 22 kg of carrots is ₹638. How much has to be paid to purchase 10 kg of carrots ?  
(i) ₹290 (ii) ₹307 (iii) ₹286 (iv) ₹313 (v) ₹275
19. The weight of 25 rounds of copper wire is 600 kg. How many rounds of copper wire is present in 312 kg?  
(i) 13 (ii) 12 (iii) 15 (iv) 11 (v) 14
20. 15 men can dig a canal in 104 days working for 4 hr per day. How many men are required to complete the work in 12 days working for 13 hr per day?  
(i) 37 (ii) 41 (iii) 39 (iv) 42 (v) 40
21. 10 men can dig a trench in 20 days. But after working for 8 days, 5 men left. How many more days are required to complete the work?  
(i) 21 days (ii) 25 days (iii) 23 days (iv) 24 days (v) 26 days
22. In a hostel mess there are provisions enough for 11 students for 19 days. If 6 more students join the hostel, how long will the provisions last ?  
(i) 7.29 days (ii) 15.29 days (iii) 17.29 days (iv) 12.29 days (v) 9.29 days
23. In a hostel mess, there are provisions enough for 18 students for 17 days. After 9 days, 12 students left. How many more days will the provisions last ?  
(i) 27.00 days (ii) 29.00 days (iii) 24.00 days (iv) 19.00 days (v) 21.00 days
24. A bus ticket fare for 15 km costs ₹71. How much is the fare for 10 km?  
(i) ₹52.33 (ii) ₹47.33 (iii) ₹42.33 (iv) ₹44.33 (v) ₹50.33
25. The cost of 19 pens is ₹285 and 13 pencils is ₹104. With an amount of ₹278, 16 pencils are purchased. How many pens can be purchased with the remaining amount ?  
(i) 9 (ii) 13 (iii) 10 (iv) 8 (v) 11
26. The cost of 14 pens is ₹210 and 13 pencils is ₹78. With an amount of ₹267, 11 pens are purchased. How many pencils can be purchased with the remaining amount ?  
(i) 18 (ii) 16 (iii) 14 (iv) 19 (v) 17
27. The sales tax for ₹100 of a bill is ₹14. How much sales tax has to be paid for a bill of ₹418 ?  
(i) ₹58.52 (ii) ₹63.52 (iii) ₹53.52 (iv) ₹61.52 (v) ₹55.52

28. A group of pilgrims have to cover 17 km to reach a shrine. They walk 10 km in 10 hr. At what speed they have to walk to cover the remaining distance in 6 hr ?  
(i) 3.17 kmph (ii) 1.17 kmph (iii) 9.17 kmph (iv) 2.17 kmph (v) 0.17 kmph
29. To stitch a shirt, 151 cm of cloth is needed. How much cloth is needed to stitch 6 shirts ?  
(i) 933 cm (ii) 888 cm (iii) 912 cm (iv) 901 cm (v) 906 cm
30. 10 m of cloth is required to stitch 6 dresses. How many meters of cloth is required to stitch 18 dresses?  
(i) 30.00 m (ii) 27.00 m (iii) 35.00 m (iv) 33.00 m (v) 25.00 m
31. The cost of 6 dozen bananas is ₹216. What is the cost of 22 dozens ?  
(i) ₹768 (ii) ₹784 (iii) ₹809 (iv) ₹795 (v) ₹792
32. 17 mangoes weigh 9 kg. If 10 mangoes are needed, how many kgs have to be purchased?  
(i) 6.29 kg (ii) 3.29 kg (iii) 5.29 kg (iv) 7.29 kg (v) 4.29 kg
33. 30 men or 12 women can earn ₹1200 per day. How much is earned by 16 men and 12 women in a day?  
(i) ₹2000 (ii) ₹1840 (iii) ₹1670 (iv) ₹1890 (v) ₹1660
34. The total wage of 6 labourers for 18 days is ₹37800. What will be the total wage of 19 labourers for 12 days ?  
(i) ₹77000 (ii) ₹79800 (iii) ₹82500 (iv) ₹80600 (v) ₹78400
35. 36 artisans can make 45 idols in 10 days. How many artisans are required to make 24 idols in 16 days ?  
(i) 10 (ii) 14 (iii) 13 (iv) 12 (v) 11
36. 18 workers working for 9 hr per day can dig a pit in 80 days. How many days are needed for 60 workers working 8 hr per day to dig the same pit?  
(i) 30 days (ii) 27 days (iii) 22 days (iv) 24 days (v) 32 days
37. 6 cows eat 1596 kg of grass in 19 days. How much of grass has to be procured to feed 12 cows for 10 days ?  
(i) 1450 kg (ii) 1730 kg (iii) 1900 kg (iv) 1640 kg (v) 1680 kg
38. Cost of 7 toys of TypeA is ₹63 and 17 toys of TypeB is ₹221. Out of a sum of ₹321, 19 toys of TypeA are purchased. If 18 toys of TypeB have to be purchased, how much extra amount is needed?  
(i) ₹79 (ii) ₹81 (iii) ₹84 (iv) ₹89 (v) ₹87
39. 11 men can make 440 baskets in 8 days. 14 women can make 252 baskets in 6 days. How many baskets are made by 3 men and 3 women in 7 days ?  
(i) 166 (ii) 170 (iii) 169 (iv) 167 (v) 168
40. To irrigate 13 acres of a field, 50000 l of water is needed. If 6 more acres are brought under cultivation, how many lts of water is needed?  
(i) 73876.92 l (ii) 73076.92 l (iii) 74276.92 l (iv) 70576.92 l (v) 71676.92 l
41. 48 labourers can cultivate a field in 18 days working 4 hr per day. How many more labourers are needed to cultivate double the field in 24 days working 2 hr per day ?  
(i) 98 (ii) 94 (iii) 97 (iv) 95 (v) 96

42. 18 workers working 15 hr per day are paid ₹291600 for 18 days. How much has to be paid to 15 workers working 8 hr per day for 10 days ?  
 (i) ₹73500 (ii) ₹71600 (iii) ₹72600 (iv) ₹70200 (v) ₹72000
43. The air ticket charges for 30 persons for a flight is ₹108540, inclusive of ₹118 as airport tax per person. How much has to be paid if 15 persons drop out of the trip ?  
 (i) ₹53070 (ii) ₹54970 (iii) ₹55570 (iv) ₹53870 (v) ₹54270
44. The specification on a printer says that it prints 600 pages in 10 min. If 4500 pages have to be printed, how long will it take ?  
 (i) 70 min (ii) 72 min (iii) 80 min (iv) 78 min (v) 75 min
45. 10 gm of gold costs ₹24000. What is the cost of 39 gm ?  
 (i) ₹94400 (ii) ₹92000 (iii) ₹91300 (iv) ₹93600 (v) ₹96400
46. A banker gave foreign exchange of \$16 for ₹656. How many dollars will the customer get for ₹1312 ?  
 (i) \$29 (ii) \$27 (iii) \$32 (iv) \$37 (v) \$35
47. 14 workers take 15 days to build a room. After working for 8 days, 7 workers left. In how many more days is the room built ?  
 (i) 11.00 days (ii) 19.00 days (iii) 14.00 days (iv) 9.00 days (v) 17.00 days

A can do  $\frac{1}{10}$  of a particular work in 3 days.

48. B can do  $\frac{1}{12}$  of the same work in 2 days.

C can do  $\frac{1}{11}$  of the same work in 7 days.

If A, B and C work together, in how many days is the work completed ?

- (i)  $11\frac{11}{39}$  days (ii)  $11\frac{99}{271}$  days (iii)  $11\frac{121}{269}$  days (iv)  $11\frac{97}{271}$  days (v)  $11\frac{101}{271}$  days

49. A journey consists of three legs. First 28 km are travelled at a speed of 40 kmph. Next 180 km are travelled at a speed of 120 kmph. Last 117 km are travelled at a speed of 130 kmph. Find the total time taken to complete the journey.  
 (i)  $2\frac{7}{12}$  hr (ii)  $3\frac{1}{10}$  hr (iii)  $3\frac{3}{10}$  hr (iv)  $3\frac{7}{8}$  hr (v)  $2\frac{9}{10}$  hr

50. In an eating contest, the eating capacities of A, B and C are 11 gm/sec, 5 gm/sec and 10 gm/sec respectively. the amount of food to be eaten is 18.72 kg, in how much time is it consumed if all three participants start eating together ?  
 (i) 12 min (ii) 11 min (iii) 14 min (iv) 13 min (v) 10 min

- In a certain exam, for every correct answer, 7 marks are added. For every wrong answer 5 marks are subtracted.  
 51. A student attempted 65 questions and secured 251 marks. How many answers are correct and how many are wrong?  
 (i) 49 correct and 16 wrong (ii) 46 correct and 19 wrong (iii) 48 correct and 17 wrong  
 (iv) 50 correct and 15 wrong (v) 47 correct and 18 wrong

A production line consists of three stages to be completed serially.

Stage1 work can be done by 10 workers in 9 days.

Stage2 work can be done by 7 workers in 5 days.

52. Stage3 work can be done by 11 workers in 14 days.

If 8, 5 and 15 workers are hired to do Stage1, Stage2 and Stage3 works respectively, in how many days is the work completed ?

- (i)  $28\frac{31}{58}$  days (ii)  $28\frac{31}{60}$  days (iii)  $28\frac{1}{2}$  days (iv)  $28\frac{11}{20}$  days (v)  $28\frac{29}{60}$  days

The slab rates of a city's water department are as follows

Low Val (kl)	High Val (kl)	Rate Rs/kl
0	20	10
20	60	15
60	80	20
80	remaining	25

53.

How much amount has to be paid if the consumption is 13 kl.

- (i) ₹114 (ii) ₹148 (iii) ₹145 (iv) ₹130 (v) ₹126

The slab rates of a city's water department are as follows

Low Val (kl)	High Val (kl)	Rate Rs/kl
0	20	20
20	30	25
30	40	30
40	remaining	35

54.

How much amount has to be paid if the consumption is 24 kl.

- (i) ₹528 (ii) ₹508 (iii) ₹487 (iv) ₹500 (v) ₹485

The slab rates of a city's water department are as follows

Low Val (kl)	High Val (kl)	Rate Rs/kl
0	30	17
30	60	22
60	80	27
80	remaining	32

55.

How much amount has to be paid if the consumption is 64 kl.

- (i) ₹1408 (ii) ₹1398 (iii) ₹1138 (iv) ₹1058 (v) ₹1278

The slab rates of a city's water department are as follows

Low Val (kl)	High Val (kl)	Rate Rs/kl
0	20	17
20	60	22
60	70	27
70	remaining	32

56.

How much amount has to be paid if the consumption is 78 kl.

- (i) ₹1576 (ii) ₹1886 (iii) ₹1696 (iv) ₹1746 (v) ₹1926

## Assignment Key

1) (i)	2) (v)	3) (iii)	4) (iii)	5) (v)	6) (i)
7) (i)	8) (iii)	9) (i)	10) (v)	11) (i)	12) (iv)
13) (iv)	14) (iv)	15) (ii)	16) (iii)	17) (i)	18) (i)
19) (i)	20) (v)	21) (iv)	22) (iv)	23) (iii)	24) (ii)
25) (iii)	26) (v)	27) (i)	28) (ii)	29) (v)	30) (i)
31) (v)	32) (iii)	33) (ii)	34) (ii)	35) (iv)	36) (ii)
37) (v)	38) (iii)	39) (v)	40) (ii)	41) (v)	42) (v)
43) (v)	44) (v)	45) (iv)	46) (iii)	47) (iii)	48) (ii)
49) (ii)	50) (i)	51) (iii)	52) (ii)	53) (iv)	54) (iv)
55) (v)	56) (iv)				