



1. If 6 sheets cost ₹54, how much will 38 sheets cost?  
(i) ₹326 (ii) ₹330 (iii) ₹342 (iv) ₹346 (v) ₹359
2. If 15 idlis cost ₹150, how many idlis can be purchased with ₹390?  
(i) 37 (ii) 42 (iii) 38 (iv) 40 (v) 39
3. If 6 l of butter milk costs ₹72, how much will 31 l cost?  
(i) ₹385 (ii) ₹372 (iii) ₹356 (iv) ₹380 (v) ₹357
4. If 5 l of butter milk costs ₹80, how much of butter milk costs ₹512?  
(i) 35 l (ii) 32 l (iii) 27 l (iv) 29 l (v) 37 l
5. If 14 men can make 28 sweaters in a day, how many sweaters are made by 18 men in a day?  
(i) 39 (ii) 34 (iii) 37 (iv) 35 (v) 36
6. If 14 men can make 98 candles in a day, how many men are needed to make 154 candles in a day?  
(i) 21 (ii) 24 (iii) 22 (iv) 23 (v) 19
7. If Prasad can read 288 pages in 18 hr, how many pages can he read in 12 hr?  
(i) 193 (ii) 189 (iii) 191 (iv) 192 (v) 195
8. If Salman can read 182 pages in 13 hr, he can read 280 pages in how many hours?  
(i) 17 hr (ii) 15 hr (iii) 23 hr (iv) 20 hr (v) 25 hr
9. If Naveen can read 75 pages in a 165 pages book in 5 hr, how much more time will it take to complete the book?  
(i) 7 hr (ii) 8 hr (iii) 4 hr (iv) 5 hr (v) 6 hr
10. If Salman can make 171 burgers in 9 min, in how much time can he complete an order of 589 burgers ?  
(i) 28 min (ii) 36 min (iii) 26 min (iv) 34 min (v) 31 min
11. If 88 men can do a piece of work in 50 days, how many men can do the same work in 55 days?  
(i) 79 (ii) 82 (iii) 80 (iv) 81 (v) 78
12. If 60 men can do a piece of work in 168 days, 120 men can do the same work in how many days?  
(i) 81 days (ii) 87 days (iii) 89 days (iv) 84 days (v) 79 days
13. If 19 men can build  $\frac{1}{5}$  of a wall in 41 days,  
in how much more time is the wall completely built ?  
(i) 177 days (ii) 159 days (iii) 164 days (iv) 142 days (v) 180 days

14. A vehicle can cover certain distance in 90 min, running at a speed of 96 kmph. At what speed must the vehicle run to cover the same distance in 48 min?  
(i) 176 kmph (ii) 198 kmph (iii) 202 kmph (iv) 165 kmph (v) 180 kmph
15. A vehicle can cover certain distance in 150 min, running at a speed of 132 kmph. In how many minutes, the vehicle covers the same distance running at a speed of 120 kmph?  
(i) 161 min (ii) 182 min (iii) 165 min (iv) 183 min (v) 150 min
16. A person has to travel from one town to another town which is at a distance of 414 km. He covers 216 km in 12 hr. In how much more time will he reach his destination?  
(i) 14 hr (ii) 11 hr (iii) 8 hr (iv) 16 hr (v) 6 hr
17. The cost of 20 kg of brinjals is ₹420. How many kgs of brinjals can be purchased with ₹231 ?  
(i) 11 kg (ii) 14 kg (iii) 6 kg (iv) 16 kg (v) 8 kg
18. The cost of 19 kg of tomatoes is ₹513. How much has to be paid to purchase 17 kg of tomatoes ?  
(i) ₹463 (ii) ₹486 (iii) ₹459 (iv) ₹435 (v) ₹444
19. The weight of 16 rounds of copper wire is 432 kg. How many rounds of copper wire is present in 594 kg?  
(i) 21 (ii) 25 (iii) 20 (iv) 23 (v) 22
20. 96 men can dig a canal in 91 days working for 9 hr per day. How many men are required to complete the work in 72 days working for 13 hr per day?  
(i) 83 (ii) 84 (iii) 87 (iv) 82 (v) 85
21. 20 men can dig a trench in 18 days. But after working for 9 days, 15 men left. How many more days are required to complete the work?  
(i) 33 days (ii) 35 days (iii) 37 days (iv) 36 days (v) 39 days
22. In a hostel mess there are provisions enough for 20 students for 20 days. If 13 more students join the hostel, how long will the provisions last ?  
(i) 17.12 days (ii) 15.12 days (iii) 9.12 days (iv) 7.12 days (v) 12.12 days
23. In a hostel mess, there are provisions enough for 11 students for 16 days. After 12 days, 7 students left. How many more days will the provisions last ?  
(i) 14.00 days (ii) 16.00 days (iii) 8.00 days (iv) 6.00 days (v) 11.00 days
24. A bus ticket fare for 15 km costs ₹67. How much is the fare for 17 km?  
(i) ₹78.93 (ii) ₹72.93 (iii) ₹80.93 (iv) ₹75.93 (v) ₹70.93
25. The cost of 11 pens is ₹198 and 12 pencils is ₹84. With an amount of ₹394, 10 pencils are purchased. How many pens can be purchased with the remaining amount ?  
(i) 16 (ii) 17 (iii) 18 (iv) 19 (v) 20
26. The cost of 10 pens is ₹140 and 11 pencils is ₹55. With an amount of ₹243, 12 pens are purchased. How many pencils can be purchased with the remaining amount ?  
(i) 16 (ii) 14 (iii) 17 (iv) 12 (v) 15
27. The sales tax for ₹100 of a bill is ₹14. How much sales tax has to be paid for a bill of ₹226 ?  
(i) ₹31.64 (ii) ₹28.64 (iii) ₹26.64 (iv) ₹34.64 (v) ₹36.64

28. A group of pilgrims have to cover 19 km to reach a shrine. They walk 13 km in 12 hr. At what speed they have to walk to cover the remaining distance in 6 hr ?  
(i) 2.00 kmph (ii) 9.00 kmph (iii) 0.00 kmph (iv) 3.00 kmph (v) 1.00 kmph
29. To stitch a shirt, 182 cm of cloth is needed. How much cloth is needed to stitch 7 shirts ?  
(i) 1414 cm (ii) 1274 cm (iii) 1094 cm (iv) 1544 cm (v) 1054 cm
30. 16 m of cloth is required to stitch 8 dresses. How many meters of cloth is required to stitch 18 dresses?  
(i) 36.00 m (ii) 39.00 m (iii) 33.00 m (iv) 41.00 m (v) 31.00 m
31. The cost of 8 dozen bananas is ₹280. What is the cost of 21 dozens ?  
(i) ₹735 (ii) ₹710 (iii) ₹752 (iv) ₹718 (v) ₹743
32. 12 mangoes weigh 9 kg. If 5 mangoes are needed, how many kgs have to be purchased?  
(i) 3.75 kg (ii) 2.75 kg (iii) 1.75 kg (iv) 5.75 kg (v) 4.75 kg
33. 70 men or 21 women can earn ₹2100 per day. How much is earned by 20 men and 14 women in a day?  
(i) ₹1860 (ii) ₹2250 (iii) ₹2180 (iv) ₹1740 (v) ₹2000
34. The total wage of 15 labourers for 11 days is ₹82500. What will be the total wage of 18 labourers for 16 days ?  
(i) ₹170000 (ii) ₹129000 (iii) ₹152000 (iv) ₹144000 (v) ₹132000
35. 54 artisans can make 27 idols in 21 days. How many artisans are required to make 32 idols in 56 days ?  
(i) 22 (ii) 24 (iii) 25 (iv) 23 (v) 26
36. 28 workers working for 2 hr per day can dig a pit in 90 days. How many days are needed for 63 workers working 10 hr per day to dig the same pit?  
(i) 10 days (ii) 7 days (iii) 9 days (iv) 8 days (v) 6 days
37. 16 cows eat 2592 kg of grass in 9 days. How much of grass has to be procured to feed 11 cows for 5 days ?  
(i) 1018 kg (ii) 964 kg (iii) 973 kg (iv) 990 kg (v) 996 kg
38. Cost of 14 toys of TypeA is ₹140 and 13 toys of TypeB is ₹182. Out of a sum of ₹159, 6 toys of TypeA are purchased. If 10 toys of TypeB have to be purchased, how much extra amount is needed?  
(i) ₹36 (ii) ₹41 (iii) ₹46 (iv) ₹44 (v) ₹38
39. 2 men can make 50 baskets in 5 days. 14 women can make 756 baskets in 9 days. How many baskets are made by 5 men and 9 women in 10 days ?  
(i) 793 (ii) 789 (iii) 788 (iv) 790 (v) 791
40. To irrigate 11 acres of a field, 60000 l of water is needed. If 8 more acres are brought under cultivation, how many lts of water is needed?  
(i) 97636.36 l (ii) 90636.36 l (iii) 120636.36 l (iv) 121636.36 l (v) 103636.36 l
41. 30 labourers can cultivate a field in 42 days working 5 hr per day. How many more labourers are needed to cultivate double the field in 15 days working 7 hr per day ?  
(i) 93 (ii) 88 (iii) 91 (iv) 89 (v) 90

42. 14 workers working 14 hr per day are paid ₹299880 for 17 days. How much has to be paid to 17 workers working 9 hr per day for 17 days ?  
 (i) ₹242090 (ii) ₹234090 (iii) ₹220090 (iv) ₹208090 (v) ₹247090
43. The air ticket charges for 36 persons for a flight is ₹235944, inclusive of ₹354 as airport tax per person. How much has to be paid if 10 persons drop out of the trip ?  
 (i) ₹186404 (ii) ₹143404 (iii) ₹156404 (iv) ₹192404 (v) ₹170404
44. The specification on a printer says that it prints 250 pages in 5 min. If 4500 pages have to be printed, how long will it take ?  
 (i) 93 min (ii) 95 min (iii) 85 min (iv) 87 min (v) 90 min
45. 11 gm of gold costs ₹26400. What is the cost of 27 gm ?  
 (i) ₹63200 (ii) ₹63000 (iii) ₹66100 (iv) ₹64800
46. A banker gave foreign exchange of \$16 for ₹768. How many dollars will the customer get for ₹1056 ?  
 (i) \$22 (ii) \$25 (iii) \$17 (iv) \$27 (v) \$19
47. 18 workers take 12 days to build a room. After working for 6 days, 11 workers left. In how many more days is the room built ?  
 (i) 18.43 days (ii) 12.43 days (iii) 10.43 days (iv) 15.43 days (v) 20.43 days

A can do  $\frac{1}{3}$  of a particular work in 4 days.

48. B can do  $\frac{1}{11}$  of the same work in 9 days.

C can do  $\frac{1}{7}$  of the same work in 2 days.

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

- (i)  $6\frac{32}{457}$  days (ii)  $6\frac{2}{51}$  days (iii)  $6\frac{30}{457}$  days (iv)  $6\frac{28}{457}$  days (v)  $6\frac{6}{65}$  days

49. A journey consists of three legs. First 35 km are travelled at a speed of 70 kmph. Next 6 km are travelled at a speed of 30 kmph. Last 156 km are travelled at a speed of 130 kmph. Find the total time taken to complete the journey.

- (i)  $1\frac{7}{12}$  hr (ii)  $1\frac{9}{10}$  hr (iii)  $2\frac{3}{8}$  hr (iv)  $2\frac{1}{10}$  hr (v)  $1\frac{7}{10}$  hr

50. In an eating contest, the eating capacities of A, B and C are 11 gm/sec, 8 gm/sec and 13 gm/sec respectively. If the amount of food to be eaten is 9.6 kg, in how much time is it consumed if all three participants start eating together ?

- (i) 5 min (ii) 3 min (iii) 4 min (iv) 8 min (v) 6 min

51. In a certain exam, for every correct answer, 10 marks are added. For every wrong answer 9 marks are subtracted. A student attempted 50 questions and secured 310 marks. How many answers are correct and how many are wrong?

- (i) 41 correct and 9 wrong (ii) 39 correct and 11 wrong (iii) 40 correct and 10 wrong  
 (iv) 38 correct and 12 wrong (v) 42 correct and 8 wrong

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

Stage1 work can be done by 11 workers in 9 days.

52. Stage2 work can be done by 13 workers in 14 days.

Stage3 work can be done by 6 workers in 12 days.

If 7, 12 and 6 workers are hired to do Stage1, Stage2 and Stage3 works respectively, in how many days is the work completed ?

- (i)  $41\frac{13}{42}$  days (ii)  $41\frac{11}{42}$  days (iii)  $41\frac{13}{40}$  days (iv)  $41\frac{13}{44}$  days (v)  $41\frac{5}{14}$  days

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

53.

Low Val (kl)	High Val (kl)	Rate Rs/kl
0	20	20
20	40	25
40	70	30
70	remaining	35

How much amount has to be paid if the consumption is 19 kl.

- (i) ₹394 (ii) ₹386 (iii) ₹380 (iv) ₹367 (v) ₹375

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

54.

Low Val (kl)	High Val (kl)	Rate Rs/kl
0	20	20
20	60	25
60	90	30
90	remaining	35

How much amount has to be paid if the consumption is 22 kl.

- (i) ₹450 (ii) ₹422 (iii) ₹455 (iv) ₹434 (v) ₹473

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

55.

Low Val (kl)	High Val (kl)	Rate Rs/kl
0	20	16
20	30	21
30	80	26
80	remaining	31

How much amount has to be paid if the consumption is 48 kl.

- (i) ₹982 (ii) ₹998 (iii) ₹1026 (iv) ₹985 (v) ₹1004

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

56.

Low Val (kl)	High Val (kl)	Rate Rs/kl
0	40	12
40	70	17
70	80	22
80	remaining	27

How much amount has to be paid if the consumption is 87 kl.

- (i) ₹1639 (ii) ₹1149 (iii) ₹1399 (iv) ₹1369 (v) ₹1519

## Assignment Key

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