



1. If 11 idlis cost ₹88, how much will 26 idlis cost?  
(i) ₹232 (ii) ₹190 (iii) ₹208 (iv) ₹186 (v) ₹213
2. If 5 chocolates cost ₹50, how many chocolates can be purchased with ₹370?  
(i) 38 (ii) 36 (iii) 35 (iv) 39 (v) 37
3. If 9 l of mustard oil costs ₹126, how much will 25 l cost?  
(i) ₹363 (ii) ₹364 (iii) ₹338 (iv) ₹350 (v) ₹333
4. If 10 l of oil costs ₹160, how much of oil costs ₹624?  
(i) 34 l (ii) 44 l (iii) 42 l (iv) 39 l (v) 36 l
5. If 17 men can make 68 toy cars in a day, how many toy cars are made by 20 men in a day?  
(i) 79 (ii) 77 (iii) 81 (iv) 80 (v) 82
6. If 15 men can make 30 sweaters in a day, how many men are needed to make 40 sweaters in a day?  
(i) 21 (ii) 22 (iii) 18 (iv) 19 (v) 20
7. If Srinivas can read 210 pages in 15 hr, how many pages can he read in 16 hr?  
(i) 226 (ii) 221 (iii) 225 (iv) 223 (v) 224
8. If Nagarjuna can read 400 pages in 20 hr, he can read 380 pages in how many hours?  
(i) 19 hr (ii) 22 hr (iii) 24 hr (iv) 16 hr (v) 14 hr
9. If Daniel can read 70 pages in a 168 pages book in 5 hr, how much more time will it take to complete the book?  
(i) 9 hr (ii) 8 hr (iii) 6 hr (iv) 5 hr (v) 7 hr
10. If Laxman can make 132 sandwiches in 12 min, in how much time can he complete an order of 473 sandwiches ?  
(i) 46 min (ii) 48 min (iii) 43 min (iv) 38 min (v) 40 min
11. If 91 men can do a piece of work in 180 days, how many men can do the same work in 84 days?  
(i) 194 (ii) 196 (iii) 195 (iv) 197 (v) 193
12. If 72 men can do a piece of work in 143 days, 88 men can do the same work in how many days?  
(i) 113 days (ii) 134 days (iii) 93 days (iv) 117 days (v) 140 days
13. If 17 men can build  $\frac{1}{5}$  of a wall in 46 days,  
in how much more time is the wall completely built ?  
(i) 171 days (ii) 184 days (iii) 202 days (iv) 177 days

14. A vehicle can cover certain distance in 168 min, running at a speed of 80 kmph. At what speed must the vehicle run to cover the same distance in 96 min?  
(i) 140 kmph (ii) 122 kmph (iii) 153 kmph (iv) 138 kmph
15. A vehicle can cover certain distance in 70 min, running at a speed of 117 kmph. In how many minutes, the vehicle covers the same distance running at a speed of 90 kmph?  
(i) 91 min (ii) 86 min (iii) 94 min (iv) 88 min (v) 96 min
16. A person has to travel from one town to another town which is at a distance of 714 km. He covers 238 km in 7 hr. In how much more time will he reach his destination?  
(i) 14 hr (ii) 9 hr (iii) 17 hr (iv) 11 hr (v) 19 hr
17. The cost of 11 kg of cauliflowers is ₹253. How many kgs of cauliflowers can be purchased with ₹345 ?  
(i) 20 kg (ii) 10 kg (iii) 15 kg (iv) 18 kg (v) 12 kg
18. The cost of 19 kg of cabbages is ₹418. How much has to be paid to purchase 14 kg of cabbages ?  
(i) ₹308 (ii) ₹321 (iii) ₹314 (iv) ₹292 (v) ₹280
19. The weight of 17 rounds of copper wire is 459 kg. How many rounds of copper wire is present in 594 kg?  
(i) 21 (ii) 23 (iii) 20 (iv) 24 (v) 22
20. 78 men can dig a canal in 98 days working for 10 hr per day. How many men are required to complete the work in 60 days working for 14 hr per day?  
(i) 91 (ii) 89 (iii) 92 (iv) 90 (v) 94
21. 11 men can dig a trench in 13 days. But after working for 9 days, 8 men left. How many more days are required to complete the work?  
(i)  $14\frac{2}{5}$  days (ii)  $14\frac{2}{3}$  days (iii) 14 days (iv) 16 days (v)  $15\frac{1}{3}$  days
22. In a hostel mess there are provisions enough for 11 students for 16 days. If 6 more students join the hostel, how long will the provisions last ?  
(i) 15.35 days (ii) 7.35 days (iii) 10.35 days (iv) 13.35 days (v) 5.35 days
23. In a hostel mess, there are provisions enough for 20 students for 13 days. After 11 days, 8 students left. How many more days will the provisions last ?  
(i) 4.33 days (ii) 3.33 days (iii) 1.33 days (iv) 5.33 days (v) 2.33 days
24. A bus ticket fare for 19 km costs ₹79. How much is the fare for 10 km?  
(i) ₹44.58 (ii) ₹36.58 (iii) ₹46.58 (iv) ₹41.58 (v) ₹38.58
25. The cost of 11 pens is ₹187 and 19 pencils is ₹114. With an amount of ₹351, 16 pencils are purchased. How many pens can be purchased with the remaining amount ?  
(i) 17 (ii) 13 (iii) 16 (iv) 15 (v) 14
26. The cost of 17 pens is ₹221 and 16 pencils is ₹128. With an amount of ₹322, 18 pens are purchased. How many pencils can be purchased with the remaining amount ?  
(i) 10 (ii) 9 (iii) 14 (iv) 12 (v) 11

27. The sales tax for ₹100 of a bill is ₹10. How much sales tax has to be paid for a bill of ₹308 ?  
(i) ₹25.80 (ii) ₹33.80 (iii) ₹27.80 (iv) ₹35.80 (v) ₹30.80
28. A group of pilgrims have to cover 15 km to reach a shrine. They walk 10 km in 20 hr. At what speed they have to walk to cover the remaining distance in 9 hr ?  
(i) 8.56 kmph (ii) 0.56 kmph (iii) 2.56 kmph (iv) 1.56 kmph (v) 7.56 kmph
29. To stitch a shirt, 188 cm of cloth is needed. How much cloth is needed to stitch 9 shirts ?  
(i) 1842 cm (ii) 1692 cm (iii) 1832 cm (iv) 1672 cm (v) 1512 cm
30. 13 m of cloth is required to stitch 6 dresses. How many meters of cloth is required to stitch 16 dresses?  
(i) 39.67 m (ii) 34.67 m (iii) 37.67 m (iv) 29.67 m (v) 31.67 m
31. The cost of 10 dozen bananas is ₹350. What is the cost of 27 dozens ?  
(i) ₹933 (ii) ₹972 (iii) ₹945 (iv) ₹963 (v) ₹931
32. 10 mangoes weigh 6 kg. If 5 mangoes are needed, how many kgs have to be purchased?  
(i) 2.00 kg (ii) 3.00 kg (iii) 5.00 kg (iv) 1.00 kg (v) 4.00 kg
33. 50 men or 40 women can earn ₹4000 per day. How much is earned by 14 men and 11 women in a day?  
(i) ₹2220 (ii) ₹2340 (iii) ₹1980 (iv) ₹2470 (v) ₹2050
34. The total wage of 8 labourers for 15 days is ₹56400. What will be the total wage of 11 labourers for 12 days ?  
(i) ₹64440 (ii) ₹62740 (iii) ₹60440 (iv) ₹60540 (v) ₹62040
35. 40 artisans can make 20 idols in 15 days. How many artisans are required to make 72 idols in 27 days ?  
(i) 79 (ii) 80 (iii) 78 (iv) 81 (v) 82
36. 8 workers working for 10 hr per day can dig a pit in 63 days. How many days are needed for 28 workers working 9 hr per day to dig the same pit?  
(i) 23 days (ii) 15 days (iii) 20 days (iv) 17 days (v) 25 days
37. 18 cows eat 3528 kg of grass in 14 days. How much of grass has to be procured to feed 15 cows for 6 days ?  
(i) 1130 kg (ii) 1510 kg (iii) 1260 kg (iv) 1280 kg (v) 1040 kg
38. Cost of 12 toys of TypeA is ₹60 and 5 toys of TypeB is ₹55. Out of a sum of ₹181, 16 toys of TypeA are purchased. If 13 toys of TypeB have to be purchased, how much extra amount is needed?  
(i) ₹37 (ii) ₹47 (iii) ₹45 (iv) ₹42 (v) ₹39
39. 9 men can make 315 baskets in 7 days. 14 women can make 378 baskets in 9 days. How many baskets are made by 8 men and 4 women in 8 days ?  
(i) 417 (ii) 419 (iii) 416 (iv) 414 (v) 415
40. To irrigate 16 acres of a field, 90000 l of water is needed. If 9 more acres are brought under cultivation, how many lts of water is needed?  
(i) 158625.00 l (ii) 153625.00 l (iii) 124625.00 l (iv) 123625.00 l (v) 140625.00 l

41. 24 labourers can cultivate a field in 54 days working 2 hr per day. How many more labourers are needed to cultivate double the field in 16 days working 6 hr per day ?  
(i) 32 (ii) 31 (iii) 27 (iv) 30 (v) 29
42. 17 workers working 15 hr per day are paid ₹306000 for 20 days. How much has to be paid to 15 workers working 14 hr per day for 13 days ?  
(i) ₹138800 (ii) ₹157800 (iii) ₹167800 (iv) ₹163800 (v) ₹176800
43. The air ticket charges for 30 persons for a flight is ₹143430, inclusive of ₹481 as airport tax per person. How much has to be paid if 14 persons drop out of the trip ?  
(i) ₹77896 (ii) ₹75696 (iii) ₹76496 (iv) ₹78196 (v) ₹74996
44. The specification on a printer says that it prints 2450 pages in 35 min. If 6300 pages have to be printed, how long will it take ?  
(i) 93 min (ii) 95 min (iii) 87 min (iv) 90 min (v) 85 min
45. 11 gm of gold costs ₹24200. What is the cost of 40 gm ?  
(i) ₹88000 (ii) ₹87700 (iii) ₹85800 (iv) ₹89600
46. A banker gave foreign exchange of \$18 for ₹882. How many dollars will the customer get for ₹1617 ?  
(i) \$36 (ii) \$33 (iii) \$30 (iv) \$38 (v) \$28
47. 13 workers take 15 days to build a room. After working for 7 days, 8 workers left. In how many more days is the room built ?  
(i) 25.80 days (ii) 15.80 days (iii) 23.80 days (iv) 17.80 days (v) 20.80 days

A can do  $\frac{1}{10}$  of a particular work in 12 days.

48. B can do  $\frac{1}{7}$  of the same work in 9 days.

C can do  $\frac{1}{5}$  of the same work in 11 days.

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

- (i)  $23\frac{185}{233}$  days (ii)  $23\frac{31}{79}$  days (iii)  $23\frac{3}{5}$  days (iv)  $23\frac{139}{235}$  days (v)  $23\frac{137}{235}$  days

49. A journey consists of three legs. First 72 km are travelled at a speed of 120 kmph. Next 63 km are travelled at a speed of 90 kmph. Last 80 km are travelled at a speed of 100 kmph. Find the total time taken to complete the journey.

- (i)  $2\frac{3}{10}$  hr (ii)  $1\frac{9}{10}$  hr (iii)  $1\frac{3}{4}$  hr (iv)  $2\frac{1}{10}$  hr (v)  $2\frac{5}{8}$  hr

50. In an eating contest, the eating capacities of A, B and C are 12 gm/sec, 13 gm/sec and 9 gm/sec respectively. If the amount of food to be eaten is 14.28 kg, in how much time is it consumed if all three participants start eating together ?

- (i) 6 min (ii) 5 min (iii) 7 min (iv) 8 min (v) 9 min

In a certain exam, for every correct answer, 10 marks are added. For every wrong answer 4 marks are subtracted. A student attempted 60 questions and secured 432 marks. How many answers are correct and how many are wrong?

- (i) 49 correct and 11 wrong (ii) 47 correct and 13 wrong (iii) 48 correct and 12 wrong  
(iv) 46 correct and 14 wrong (v) 50 correct and 10 wrong

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

Stage1 work can be done by 6 workers in 11 days.

52. Stage2 work can be done by 15 workers in 13 days.

Stage3 work can be done by 7 workers in 5 days.

If 7, 9 and 11 workers are hired to do Stage1, Stage2 and Stage3 works respectively, in how many days is the work completed ?

- (i)  $34 \frac{64}{231}$  days (ii)  $34 \frac{62}{231}$  days (iii)  $34 \frac{64}{229}$  days (iv)  $34 \frac{2}{7}$  days (v)  $34 \frac{64}{233}$  days

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	40	25
40	80	30
80	remaining	35

53.

How much amount has to be paid if the consumption is 9 kl.

- (i) ₹192 (ii) ₹180 (iii) ₹157 (iv) ₹164

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

Low Val (kl)	High Val (kl)	Rate Rs/kl
0	50	10
50	70	15
70	90	20
90	remaining	25

54.

How much amount has to be paid if the consumption is 51 kl.

- (i) ₹542 (ii) ₹499 (iii) ₹508 (iv) ₹527 (v) ₹515

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

Low Val (kl)	High Val (kl)	Rate Rs/kl
0	30	13
30	60	18
60	90	23
90	remaining	28

55.

How much amount has to be paid if the consumption is 75 kl.

- (i) ₹1455 (ii) ₹1225 (iii) ₹1145 (iv) ₹1275

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

Low Val (kl)	High Val (kl)	Rate Rs/kl
0	50	16
50	60	21
60	90	26
90	remaining	31

56.

How much amount has to be paid if the consumption is 90 kl.

- (i) ₹1770 (ii) ₹1620 (iii) ₹1940 (iv) ₹1790 (v) ₹2050

## Assignment Key

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