



1. If 9 idlis cost ₹81, how much will 25 idlis cost?

(i) ₹207 (ii) ₹247 (iii) ₹229 (iv) ₹225 (v) ₹210

2. If 9 vadas cost ₹45, how many vadas can be purchased with ₹155?

(i) 30 (ii) 33 (iii) 32 (iv) 31 (v) 28

3. If 9 l of water costs ₹171, how much will 33 l cost?

(i) ₹613 (ii) ₹614 (iii) ₹627 (iv) ₹655 (v) ₹639

4. If 7 l of mustard oil costs ₹126, how much of mustard oil costs ₹558?

(i) 28 l (ii) 36 l (iii) 31 l (iv) 26 l (v) 34 l

5. If 17 men can make 85 birthday cakes in a day, how many birthday cakes are made by 22 men in a day?

(i) 111 (ii) 107 (iii) 110 (iv) 109 (v) 112

6. If 18 men can make 54 chairs in a day, how many men are needed to make 51 chairs in a day?

(i) 18 (ii) 17 (iii) 20 (iv) 16 (v) 14

7. If Ravi can read 266 pages in 19 hr, how many pages can he read in 11 hr?

(i) 152 (ii) 154 (iii) 156 (iv) 155 (v) 153

8. If Srikanth can read 140 pages in 14 hr, he can read 130 pages in how many hours?

(i) 16 hr (ii) 13 hr (iii) 8 hr (iv) 18 hr (v) 10 hr

9. If Martin can read 64 pages in a 128 pages book in 4 hr, how much more time will it take to complete the book?

(i) 2 hr (ii) 5 hr (iii) 4 hr (iv) 6 hr (v) 3 hr

10. If Karthik can make 120 hotdogs in 12 min, in how much time can he complete an order of 260 hotdogs ?

(i) 26 min (ii) 23 min (iii) 29 min (iv) 31 min (v) 21 min

11. If 143 men can do a piece of work in 56 days, how many men can do the same work in 104 days?

(i) 77 (ii) 74 (iii) 80 (iv) 78 (v) 76

12. If 132 men can do a piece of work in 91 days, 84 men can do the same work in how many days?

(i) 143 days (ii) 145 days (iii) 127 days (iv) 120 days (v) 159 days

13. If 20 men can build $\frac{1}{8}$ of a wall in 27 days,

in how much more time is the wall completely built ?

(i) 207 days (ii) 177 days (iii) 189 days (iv) 164 days (v) 212 days

14. A vehicle can cover certain distance in 56 min, running at a speed of 90 kmph. At what speed must the vehicle run to cover the same distance in 72 min?

- (i) 75 kmph (ii) 65 kmph (iii) 70 kmph (iv) 67 kmph (v) 73 kmph

15. A vehicle can cover certain distance in 50 min, running at a speed of 195 kmph. In how many minutes, the vehicle covers the same distance running at a speed of 75 kmph?

- (i) 117 min (ii) 152 min (iii) 143 min (iv) 126 min (v) 130 min

16. A person has to travel from one town to another town which is at a distance of 768 km. He covers 416 km in 13 hr. In how much more time will he reach his destination?

- (i) 8 hr (ii) 11 hr (iii) 14 hr (iv) 6 hr (v) 16 hr

17. The cost of 25 kg of onions is ₹550. How many kgs of onions can be purchased with ₹220 ?

- (i) 15 kg (ii) 10 kg (iii) 13 kg (iv) 7 kg (v) 5 kg

18. The cost of 23 kg of cabbages is ₹667. How much has to be paid to purchase 18 kg of cabbages ?

- (i) ₹507 (ii) ₹504 (iii) ₹534 (iv) ₹522 (v) ₹535

19. The weight of 20 rounds of copper wire is 440 kg. How many rounds of copper wire is present in 220 kg?

- (i) 11 (ii) 9 (iii) 10 (iv) 8 (v) 12

20. 105 men can dig a canal in 45 days working for 3 hr per day. How many men are required to complete the work in 21 days working for 5 hr per day?

- (i) 135 (ii) 134 (iii) 136 (iv) 138 (v) 132

21. 15 men can dig a trench in 16 days. But after working for 9 days, 10 men left. How many more days are required to complete the work?

- (i) 22 days (ii) 24 days (iii) 21 days (iv) 20 days (v) 19 days

22. In a hostel mess there are provisions enough for 17 students for 11 days. If 9 more students join the hostel, how long will the provisions last ?

- (i) 7.19 days (ii) 9.19 days (iii) 5.19 days (iv) 8.19 days (v) 6.19 days

23. In a hostel mess, there are provisions enough for 16 students for 11 days. After 5 days, 11 students left. How many more days will the provisions last ?

- (i) 22.20 days (ii) 14.20 days (iii) 16.20 days (iv) 24.20 days (v) 19.20 days

24. A bus ticket fare for 18 km costs ₹79. How much is the fare for 12 km?

- (i) ₹55.67 (ii) ₹47.67 (iii) ₹49.67 (iv) ₹57.67 (v) ₹52.67

25. The cost of 17 pens is ₹187 and 19 pencils is ₹114. With an amount of ₹292, 12 pencils are purchased. How many pens can be purchased with the remaining amount ?

- (i) 22 (ii) 19 (iii) 20 (iv) 21 (v) 17

26. The cost of 13 pens is ₹247 and 14 pencils is ₹140. With an amount of ₹338, 12 pens are purchased. How many pencils can be purchased with the remaining amount ?

- (i) 10 (ii) 11 (iii) 12 (iv) 8 (v) 13

27. The sales tax for ₹100 of a bill is ₹16. How much sales tax has to be paid for a bill of ₹386 ?

- (i) ₹56.76 (ii) ₹58.76 (iii) ₹64.76 (iv) ₹66.76 (v) ₹61.76

28. A group of pilgrims have to cover 18 km to reach a shrine. They walk 10 km in 14 hr. At what speed they have to walk to cover the remaining distance in 7 hr ?

- (i) 0.14 kmph (ii) 2.14 kmph (iii) 9.14 kmph (iv) 1.14 kmph (v) 3.14 kmph

29. To stitch a shirt, 200 cm of cloth is needed. How much cloth is needed to stitch 8 shirts ?

- (i) 1840 cm (ii) 1720 cm (iii) 1440 cm (iv) 1430 cm (v) 1600 cm

30. 18 m of cloth is required to stitch 8 dresses. How many meters of cloth is required to stitch 15 dresses?

- (i) 30.75 m (ii) 33.75 m (iii) 28.75 m (iv) 36.75 m (v) 38.75 m

31. The cost of 5 dozen bananas is ₹160. What is the cost of 28 dozens ?

- (i) ₹918 (ii) ₹899 (iii) ₹880 (iv) ₹896

32. 18 mangoes weigh 8 kg. If 9 mangoes are needed, how many kgs have to be purchased?

- (i) 3.00 kg (ii) 2.00 kg (iii) 4.00 kg (iv) 6.00 kg (v) 5.00 kg

33. 80 men or 32 women can earn ₹3200 per day. How much is earned by 15 men and 14 women in a day?

- (i) ₹2070 (ii) ₹2000 (iii) ₹1950 (iv) ₹2240 (v) ₹1780

34. The total wage of 20 labourers for 8 days is ₹51200. What will be the total wage of 19 labourers for 9 days ?

- (i) ₹55120 (ii) ₹51920 (iii) ₹53420 (iv) ₹56920 (v) ₹54720

35. 21 artisans can make 42 idols in 12 days. How many artisans are required to make 40 idols in 20 days ?

- (i) 14 (ii) 13 (iii) 11 (iv) 12 (v) 10

36. 45 workers working for 10 hr per day can dig a pit in 42 days. How many days are needed for 35 workers working 6 hr per day to dig the same pit?

- (i) 93 days (ii) 95 days (iii) 90 days (iv) 87 days (v) 85 days

37. 17 cows eat 3808 kg of grass in 14 days. How much of grass has to be procured to feed 12 cows for 10 days ?

- (i) 2080 kg (ii) 2140 kg (iii) 1920 kg (iv) 1860 kg (v) 1800 kg

38. Cost of 10 toys of TypeA is ₹50 and 17 toys of TypeB is ₹340. Out of a sum of ₹209, 12 toys of TypeA are purchased. If 14 toys of TypeB have to be purchased, how much extra amount is needed?

- (i) ₹147 (ii) ₹123 (iii) ₹118 (iv) ₹131 (v) ₹149

39. 12 men can make 240 baskets in 5 days. 10 women can make 360 baskets in 6 days. How many baskets are made by 6 men and 9 women in 8 days ?

- (i) 623 (ii) 622 (iii) 627 (iv) 624 (v) 625

40. To irrigate 10 acres of a field, 70000 l of water is needed. If 9 more acres are brought under cultivation, how many lts of water is needed?

- (i) 106000.00 l (ii) 133000.00 l (iii) 149000.00 l (iv) 115000.00 l

41. 63 labourers can cultivate a field in 40 days working 5 hr per day. How many more labourers are needed to cultivate double the field in 35 days working 10 hr per day ?

- (i) 11 (ii) 9 (iii) 10 (iv) 8 (v) 7

42. 20 workers working 12 hr per day are paid ₹273600 for 19 days. How much has to be paid to 11 workers working 5 hr per day for 16 days ?

(i) ₹53100 (ii) ₹55100 (iii) ₹52800 (iv) ₹52600 (v) ₹51200

43. The air ticket charges for 32 persons for a flight is ₹164736, inclusive of ₹148 as airport tax per person. How much has to be paid if 13 persons drop out of the trip ?

(i) ₹99412 (ii) ₹100312 (iii) ₹96112 (iv) ₹97812 (v) ₹97612

44. The specification on a printer says that it prints 3200 pages in 40 min. If 7200 pages have to be printed, how long will it take ?

(i) 95 min (ii) 90 min (iii) 85 min (iv) 93 min (v) 87 min

45. 15 gm of gold costs ₹34500. What is the cost of 26 gm ?

(i) ₹58300 (ii) ₹60100 (iii) ₹59000 (iv) ₹62400 (v) ₹59800

46. A banker gave foreign exchange of \$10 for ₹600. How many dollars will the customer get for ₹1560 ?

(i) \$31 (ii) \$26 (iii) \$21 (iv) \$23 (v) \$29

47. 14 workers take 17 days to build a room. After working for 10 days, 9 workers left. In how many more days is the room built ?

(i) 22.60 days (ii) 19.60 days (iii) 24.60 days (iv) 14.60 days (v) 16.60 days

A can do $\frac{1}{8}$ of a particular work in 9 days.

48. B can do $\frac{1}{4}$ of the same work in 14 days.

C can do $\frac{1}{5}$ of the same work in 2 days.

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

(i) $7\frac{7}{9}$ days (ii) $7\frac{51}{83}$ days (iii) $7\frac{7}{17}$ days (iv) $7\frac{47}{83}$ days (v) $7\frac{49}{83}$ days

49. A journey consists of three legs. First 110 km are travelled at a speed of 100 kmph. Next 20 km are travelled at a speed of 40 kmph. Last 14 km are travelled at a speed of 20 kmph. Find the total time taken to complete the journey.

(i) $2\frac{3}{10}$ hr (ii) $2\frac{7}{8}$ hr (iii) $2\frac{1}{10}$ hr (iv) $1\frac{11}{12}$ hr (v) $2\frac{1}{2}$ hr

50. In an eating contest, the eating capacities of A, B and C are 9 gm/sec, 11 gm/sec and 14 gm/sec respectively. If the amount of food to be eaten is 10.2 kg, in how much time is it consumed if all three participants start eating together ?

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

51. In a certain exam, for every correct answer, 9 marks are added. For every wrong answer 5 marks are subtracted.

A student attempted 60 questions and secured 358 marks. How many answers are correct and how many are wrong?

(i) 46 correct and 14 wrong (ii) 49 correct and 11 wrong (iii) 47 correct and 13 wrong
(iv) 45 correct and 15 wrong (v) 48 correct and 12 wrong

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

Stage1 work can be done by 6 workers in 9 days.

Stage2 work can be done by 8 workers in 5 days.

52. Stage3 work can be done by 11 workers in 7 days.

If 9, 13 and 7 workers are hired to do Stage1, Stage2 and Stage3 works respectively, in how many days is the work completed ?

(i) $20\frac{1}{11}$ days (ii) $20\frac{3}{13}$ days (iii) $19\frac{12}{13}$ days (iv) $20\frac{1}{15}$ days (v) $20\frac{1}{13}$ days

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

Low Val (kl)	-	High Val (kl)	Rate Rs/kl
0	-	50	20
50	-	60	25
60	-	90	30
90	-	remaining	35

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

(i) ₹380 (ii) ₹352 (iii) ₹396 (iv) ₹405 (v) ₹367

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	-	80	26
80	-	remaining	31

How much amount has to be paid if the consumption is 56 kl.

(i) ₹926 (ii) ₹912 (iii) ₹948 (iv) ₹940 (v) ₹919

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

Low Val (kl)	-	High Val (kl)	Rate Rs/kl
0	-	20	11
20	-	40	16
40	-	70	21
70	-	remaining	26

How much amount has to be paid if the consumption is 67 kl.

(i) ₹1257 (ii) ₹1107 (iii) ₹927 (iv) ₹1067 (v) ₹1277

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

Low Val (kl)	-	High Val (kl)	Rate Rs/kl
0	-	30	14
30	-	40	19
40	-	60	24
60	-	remaining	29

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

(i) ₹1612 (ii) ₹1742 (iii) ₹1892 (iv) ₹1532 (v) ₹1482

Assignment Key

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