



1. If 14 men can make 42 gift packages in a day, how many men are needed to make 45 gift packages in a day?
(i) 12 (ii) 18 (iii) 16 (iv) 14 (v) 15
2. If Surya can make 270 burgers in 15 min, in how much time can he complete an order of 432 burgers ?
(i) 19 min (ii) 29 min (iii) 24 min (iv) 21 min (v) 27 min
3. If 150 men can do a piece of work in 112 days, how many men can do the same work in 120 days?
(i) 137 (ii) 140 (iii) 141 (iv) 143 (v) 139
4. The cost of 14 pens is ₹280 and 12 pencils is ₹96. With an amount of ₹388, 11 pencils are purchased. How many pens can be purchased with the remaining amount ?
(i) 14 (ii) 17 (iii) 13 (iv) 16 (v) 15
5. 32 labourers can cultivate a field in 70 days working 6 hr per day. How many more labourers are needed to cultivate double the field in 48 days working 7 hr per day ?
(i) 48 (ii) 45 (iii) 49 (iv) 47 (v) 50
6. If 17 men can make 85 candles in a day, how many candles are made by 21 men in a day?
(i) 104 (ii) 106 (iii) 102 (iv) 105 (v) 108
7. In a hostel mess there are provisions enough for 18 students for 15 days. If 7 more students join the hostel, how long will the provisions last ?
(i) 10.80 days (ii) 15.80 days (iii) 5.80 days (iv) 7.80 days (v) 13.80 days
8. The weight of 12 rounds of copper wire is 264 kg. How many rounds of copper wire is present in 440 kg?
(i) 22 (ii) 20 (iii) 19 (iv) 21 (v) 17
9. The cost of 14 kg of pumpkins is ₹378. How much has to be paid to purchase 23 kg of pumpkins ?
(i) ₹636 (ii) ₹608 (iii) ₹637 (iv) ₹621 (v) ₹609
10. If 10 l of puja oil costs ₹170, how much will 40 l cost?
(i) ₹680 (ii) ₹685 (iii) ₹662 (iv) ₹676 (v) ₹692
11. 13 cows eat 1456 kg of grass in 7 days. How much of grass has to be procured to feed 11 cows for 10 days ?
(i) 1980 kg (ii) 1800 kg (iii) 1760 kg (iv) 1610 kg (v) 1740 kg
12. If 9 samosas cost ₹45, how many samosas can be purchased with ₹135?
(i) 30 (ii) 26 (iii) 27 (iv) 24 (v) 28

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

Stage1 work can be done by 14 workers in 9 days.

Stage2 work can be done by 12 workers in 7 days.

13. Stage3 work can be done by 6 workers in 15 days.

If 7, 15 and 8 workers are hired to do Stage1, Stage2 and Stage3 works respectively, in how many days is the work completed ?

- (i) $34\frac{3}{4}$ days (ii) $34\frac{19}{20}$ days (iii) $34\frac{17}{22}$ days (iv) $34\frac{17}{18}$ days (v) $34\frac{17}{20}$ days

14. The specification on a printer says that it prints 750 pages in 15 min. If 4500 pages have to be printed, how long will it take ?

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

15. In an eating contest, the eating capacities of A, B and C are 11 gm/sec, 12 gm/sec and 5 gm/sec respectively. the amount of food to be eaten is 10.08 kg, in how much time is it consumed if all three participants start eating together ?

- (i) 8 min (ii) 7 min (iii) 5 min (iv) 3 min (v) 6 min

16. To irrigate 16 acres of a field, 90000 l of water is needed. If 5 more acres are brought under cultivation, how many lts of water is needed?

- (i) 114125.00 l (ii) 120125.00 l (iii) 102125.00 l (iv) 140125.00 l (v) 118125.00 l

17. The air ticket charges for 30 persons for a flight is ₹204690, inclusive of ₹323 as airport tax per person. How much has to be paid if 20 persons drop out of the trip ?

- (i) ₹70530 (ii) ₹67930 (iii) ₹68230 (iv) ₹68730 (v) ₹65830

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

Low Val (kl)	High Val (kl)	Rate Rs/kl
0	20	15
20	70	20
70	80	25
80	remaining	30

- 18.

How much amount has to be paid if the consumption is 74 kl.

- (i) ₹1480 (ii) ₹1260 (iii) ₹1680 (iv) ₹1330 (v) ₹1400

19. A group of pilgrims have to cover 20 km to reach a shrine. They walk 13 km in 15 hr. At what speed they have to walk to cover the remaining distance in 7 hr ?

- (i) 1.00 kmph (ii) 9.00 kmph (iii) 3.00 kmph (iv) 2.00 kmph (v) 0.00 kmph

20. The total wage of 17 labourers for 8 days is ₹66640. What will be the total wage of 9 labourers for 10 days ?

- (i) ₹44500 (ii) ₹41400 (iii) ₹42600 (iv) ₹45300 (v) ₹44100

21. 14 mangoes weigh 8 kg. If 7 mangoes are needed, how many kgs have to be purchased?

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

22. A person has to travel from one town to another town which is at a distance of 368 km. He covers 161 km in 7 hr. In how much more time will he reach his destination?

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

In a certain exam, for every correct answer, 9 marks are added. For every wrong answer 4 marks are subtracted.

23. A student attempted 45 questions and secured 171 marks. How many answers are correct and how many are wrong?

(i) 25 correct and 20 wrong (ii) 27 correct and 18 wrong (iii) 28 correct and 17 wrong
(iv) 26 correct and 19 wrong (v) 29 correct and 16 wrong

24. 36 workers working for 6 hr per day can dig a pit in 80 days. How many days are needed for 90 workers working 8 hr per day to dig the same pit?

(i) 29 days (ii) 21 days (iii) 19 days (iv) 27 days (v) 24 days

25. 10 men can dig a trench in 18 days. But after working for 7 days, 6 men left. How many more days are required to complete the work?

(i) $27\frac{1}{2}$ days (ii) $28\frac{1}{2}$ days (iii) $27\frac{1}{4}$ days (iv) 28 days (v) $26\frac{1}{2}$ days

Assignment Key

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