1. If 12 sweet packets cost ₹120, how much will 25 sweet packets cost?

    (i) ₹224   (ii) ₹262   (iii) ₹255   (iv) ₹250   (v) ₹236

2. If 6 sweet packets cost ₹54, how many sweet packets can be purchased with ₹252?

    (i) 29   (ii) 28   (iii) 26   (iv) 30   (v) 27

3. If 5 l of fruit drink costs ₹70, how much will 39 l cost?

    (i) ₹528   (ii) ₹549   (iii) ₹564   (iv) ₹522   (v) ₹546

4. If 11 l of butter milk costs ₹198, how much of butter milk costs ₹450?

    (i) 25 l   (ii) 20 l   (iii) 22 l   (iv) 28 l   (v) 30 l

5. If 10 men can make 50 belts in a day, how many belts are made by 15 men in a day?

    (i) 74   (ii) 73   (iii) 75   (iv) 78   (v) 76

6. If 20 men can make 60 birthday cakes in a day, how many men are needed to make 54 birthday cakes in a day?

    (i) 18   (ii) 16   (iii) 17   (iv) 19   (v) 20

7. If Akbar can read 340 pages in 17 hr, how many pages can he read in 10 hr?

    (i) 199   (ii) 203   (iii) 201   (iv) 197   (v) 200

8. If Salman can read 187 pages in 17 hr, he can read 209 pages in how many hours?

    (i) 16 hr   (ii) 14 hr   (iii) 24 hr   (iv) 22 hr   (v) 19 hr

9. If John can read 56 pages in a 168 pages book in 4 hr, how much more time will it take to complete the book?

    (i) 10 hr   (ii) 6 hr   (iii) 7 hr   (iv) 9 hr   (v) 8 hr

10. If Pavan can make 180 hotdogs in 12 min, in how much time can he complete an order of 555 hotdogs ?

    (i) 42 min   (ii) 32 min   (iii) 34 min   (iv) 40 min   (v) 37 min

11. If 90 men can do a piece of work in 60 days, how many men can do the same work in 75 days?

    (i) 72   (ii) 73   (iii) 69   (iv) 71   (v) 75

12. If 143 men can do a piece of work in 150 days, 110 men can do the same work in how many days?

    (i) 177 days   (ii) 208 days   (iii) 189 days   (iv) 222 days   (v) 195 days

13. If 18 men can build $\dfrac{1}{3}$ of a wall in 28 days ,

    in how much more time is the wall completely built ?

    (i) 53 days   (ii) 59 days   (iii) 61 days   (iv) 51 days   (v) 56 days

14. A vehicle can cover certain distance in 132 min, running at a speed of 105 kmph. At what speed must the vehicle run to cover the same distance in 77 min?

   (i) 168 kmph (ii) 152 kmph (iii) 180 kmph (iv) 194 kmph (v) 187 kmph

15. A vehicle can cover certain distance in 110 min, running at a speed of 56 kmph. In how many minutes, the vehicle covers the same distance running at a speed of 80 kmph?

   (i) 74 min (ii) 72 min (iii) 80 min (iv) 77 min (v) 82 min

16. A person has to travel from one town to another town which is at a distance of 320 km. He covers 128 km in 8 hr. In how much more time will he reach his destination?

   (i) 12 hr (ii) 17 hr (iii) 7 hr (iv) 15 hr (v) 9 hr

17. The cost of 16 kg of potatoes is ₹336. How many kgs of potatoes can be purchased with ₹315 ?

   (i) 20 kg (ii) 10 kg (iii) 15 kg (iv) 12 kg (v) 18 kg

18. The cost of 12 kg of cabbages is ₹348. How much has to be paid to purchase 18 kg of cabbages ?

   (i) ₹495 (ii) ₹545 (iii) ₹522 (iv) ₹524 (v) ₹516

19. The weight of 17 rounds of copper wire is 357 kg. How many rounds of copper wire is present in 420 kg?

   (i) 19 (ii) 23 (iii) 20 (iv) 18 (v) 21

20. 45 men can dig a canal in 96 days working for 3 hr per day. How many men are required to complete the work in 15 days working for 12 hr per day?

   (i) 69 (ii) 71 (iii) 73 (iv) 72 (v) 75

21. 19 men can dig a trench in 18 days. But after working for 13 days, 15 men left. How many more days are required to complete the work?

   (i) $23\frac{1}{2}$ days (ii) $23\frac{1}{4}$ days (iii) $23\frac{3}{4}$ days (iv) $24\frac{1}{2}$ days (v) $24\frac{1}{4}$ days

22. In a hostel mess there are provisions enough for 19 students for 14 days. If 9 more students join the hostel, how long will the provisions last ?

   (i) 10.50 days (ii) 7.50 days (iii) 11.50 days (iv) 8.50 days (v) 9.50 days

23. In a hostel mess, there are provisions enough for 16 students for 15 days. After 5 days, 11 students left. How many more days will the provisions last ?

   (i) 27.00 days (ii) 35.00 days (iii) 32.00 days (iv) 37.00 days (v) 29.00 days

24. A bus ticket fare for 18 km costs ₹79. How much is the fare for 16 km?

   (i) ₹67.22 (ii) ₹70.22 (iii) ₹75.22 (iv) ₹73.22 (v) ₹65.22

25. The cost of 19 pens is ₹304 and 14 pencils is ₹70. With an amount of ₹263, 11 pencils are purchased. How many pens can be purchased with the remaining amount ?

   (i) 13 (ii) 14 (iii) 12 (iv) 10 (v) 15

26. The cost of 19 pens is ₹304 and 15 pencils is ₹105. With an amount of ₹302, 11 pens are purchased. How many pencils can be purchased with the remaining amount ?

   (i) 18 (ii) 19 (iii) 17 (iv) 15 (v) 20

27. The sales tax for ₹100 of a bill is ₹15. How much sales tax has to be paid for a bill of ₹412 ?

    (i) ₹66.80 (ii) ₹56.80 (iii) ₹64.80 (iv) ₹58.80 (v) ₹61.80

28. A group of pilgrims have to cover 15 km to reach a shrine. They walk 10 km in 15 hr. At what speed they have to walk to cover the remaining distance in 11 hr ?

    (i) 2.45 kmph (ii) 8.45 kmph (iii) 0.45 kmph (iv) 7.45 kmph (v) 1.45 kmph

29. To stitch a shirt, 180 cm of cloth is needed. How much cloth is needed to stitch 8 shirts ?

    (i) 1390 cm (ii) 1310 cm (iii) 1480 cm (iv) 1440 cm (v) 1680 cm

30. 19 m of cloth is required to stitch 10 dresses. How many meters of cloth is required to stitch 16 dresses?

    (i) 27.40 m (ii) 25.40 m (iii) 33.40 m (iv) 30.40 m (v) 35.40 m

31. The cost of 8 dozen bananas is ₹360. What is the cost of 28 dozens ?

    (i) ₹1090 (ii) ₹1390 (iii) ₹980 (iv) ₹1260 (v) ₹1440

32. 19 mangoes weigh 7 kg. If 5 mangoes are needed, how many kgs have to be purchased?

    (i) 9.84 kg (ii) 3.84 kg (iii) 1.84 kg (iv) 0.84 kg (v) 2.84 kg

33. 70 men or 40 women can earn ₹2800 per day. How much is earned by 11 men and 12 women in a day?

    (i) ₹1450 (ii) ₹1120 (iii) ₹1280 (iv) ₹1040 (v) ₹1460

34. The total wage of 7 labourers for 6 days is ₹21000. What will be the total wage of 11 labourers for 9 days ?

    (i) ₹51300 (ii) ₹51200 (iii) ₹48000 (iv) ₹49500 (v) ₹47100

35. 24 artisans can make 48 idols in 12 days. How many artisans are required to make 90 idols in 18 days ?

    (i) 32 (ii) 30 (iii) 28 (iv) 29 (v) 31

36. 36 workers working for 2 hr per day can dig a pit in 42 days. How many days are needed for 28 workers working 6 hr per day to dig the same pit?

    (i) 18 days (ii) 15 days (iii) 23 days (iv) 13 days (v) 21 days

37. 12 cows eat 1296 kg of grass in 6 days. How much of grass has to be procured to feed 5 cows for 11 days ?

    (i) 1016 kg (ii) 997 kg (iii) 973 kg (iv) 990 kg (v) 974 kg

38. Cost of 15 toys of TypeA is ₹120 and 9 toys of TypeB is ₹171. Out of a sum of ₹279, 16 toys of TypeA are purchased. If 12 toys of TypeB have to be purchased, how much extra amount is needed?

    (i) ₹72 (ii) ₹80 (iii) ₹82 (iv) ₹77 (v) ₹74

39. 11 men can make 792 baskets in 9 days. 10 women can make 400 baskets in 8 days. How many baskets are made by 7 men and 2 women in 9 days ?

    (i) 593 (ii) 595 (iii) 594 (iv) 596 (v) 592

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

    (i) 165000.00 l (ii) 140000.00 l (iii) 122000.00 l (iv) 153000.00 l (v) 114000.00 l

41. 15 labourers can cultivate a field in 36 days working 10 hr per day. How many more labourers are needed to cultivate double the field in 50 days working 4 hr per day ?

(i) 40 (ii) 38 (iii) 41 (iv) 37 (v) 39

42. 19 workers working 12 hr per day are paid ₹100320 for 11 days. How much has to be paid to 13 workers working 13 hr per day for 17 days ?

(i) ₹127920 (ii) ₹119920 (iii) ₹114920 (iv) ₹91920 (v) ₹96920

43. The air ticket charges for 36 persons for a flight is ₹279648, inclusive of ₹168 as airport tax per person. How much has to be paid if 18 persons drop out of the trip ?

(i) ₹165824 (ii) ₹139824 (iii) ₹126824 (iv) ₹131824 (v) ₹153824

44. The specification on a printer says that it prints 1800 pages in 30 min. If 6000 pages have to be printed, how long will it take ?

(i) 116 min (ii) 78 min (iii) 100 min (iv) 87 min (v) 112 min

45. 12 gm of gold costs ₹26400. What is the cost of 25 gm ?

(i) ₹56600 (ii) ₹55000 (iii) ₹53800 (iv) ₹52500 (v) ₹56800

46. A banker gave foreign exchange of \$14 for ₹448. How many dollars will the customer get for ₹768 ?

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

47. 16 workers take 17 days to build a room. After working for 7 days, 6 workers left. In how many more days is the room built ?

(i) 16.00 days (ii) 11.00 days (iii) 13.00 days (iv) 19.00 days (v) 21.00 days

48.
A can do $\frac{1}{15}$ of a particular work in 4 days.

B can do $\frac{1}{14}$ of the same work in 10 days.

C can do $\frac{1}{6}$ of the same work in 9 days.

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

(i) $31\frac{1}{2}$ days (ii) $23\frac{5}{8}$ days (iii) $23\frac{3}{8}$ days (iv) $23\frac{7}{8}$ days (v) $18\frac{9}{10}$ days

49. A journey consists of three legs. First 35 km are travelled at a speed of 50 kmph. Next 42 km are travelled at a speed of 140 kmph. Last 16 km are travelled at a speed of 80 kmph. Find the total time taken to complete the journey.

(i) 1 hr (ii) $1\frac{1}{5}$ hr (iii) $1\frac{2}{5}$ hr (iv) $1\frac{1}{2}$ hr

50. In an eating contest, the eating capacities of A, B and C are 9 gm/sec, 14 gm/sec and 7 gm/sec respectively. If the amount of food to be eaten is 9 kg, in how much time is it consumed if all three participants start eating together ?

(i) 4 min (ii) 5 min (iii) 3 min (iv) 6 min (v) 7 min

51. In a certain exam, for every correct answer, 10 marks are added. For every wrong answer 4 marks are subtracted. A student attempted 50 questions and secured 346 marks. How many answers are correct and how many are wrong?

   (i) 38 correct and 12 wrong (ii) 37 correct and 13 wrong (iii) 41 correct and 9 wrong

   (iv) 39 correct and 11 wrong (v) 40 correct and 10 wrong

52. A production line consists of three stages to be completed serially.
Stage1 work can be done by 6 workers in 5 days.
Stage2 work can be done by 10 workers in 11 days.
Stage3 work can be done by 7 workers in 13 days.
If 7, 10 and 13 workers are hired to do Stage1, Stage2 and Stage3 works respectively,
in how many days is the work completed ?

   (i) $22\frac{2}{9}$ days (ii) $22\frac{2}{7}$ days (iii) $22\frac{4}{7}$ days (iv) 22 days (v) $22\frac{2}{5}$ days

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

Low Val (kl)	High Val (kl)	Rate Rs/kl
0	20	13
20	50	18
50	60	23
60	remaining	28

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

   (i) ₹147 (ii) ₹164 (iii) ₹183 (iv) ₹169 (v) ₹175

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

Low Val (kl)	High Val (kl)	Rate Rs/kl
0	20	12
20	60	17
60	70	22
70	remaining	27

How much amount has to be paid if the consumption is 43 kl.

   (i) ₹631 (ii) ₹604 (iii) ₹643 (iv) ₹647 (v) ₹626

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

Low Val (kl)	High Val (kl)	Rate Rs/kl
0	60	11
60	70	16
70	90	21
90	remaining	26

How much amount has to be paid if the consumption is 80 kl.

   (i) ₹980 (ii) ₹1170 (iii) ₹1260 (iv) ₹770 (v) ₹1030

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

56.

Low Val (kl) -	High Val (kl)	Rate Rs/kl
0 -	30	12
30 -	60	17
60 -	80	22
80 -	remaining	27

How much amount has to be paid if the consumption is 97 kl.

(i) ₹1769 (ii) ₹1629 (iii) ₹2029 (iv) ₹1499 (v) ₹1849

Assignment Key

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