1. If 15 dresses cost ₹105, how much will 29 dresses cost?

    (i) ₹228   (ii) ₹203   (iii) ₹189   (iv) ₹205   (v) ₹176

2. If 10 sheets cost ₹80, how many sheets can be purchased with ₹296?

    (i) 40   (ii) 37   (iii) 38   (iv) 36   (v) 35

3. If 6 l of puja oil costs ₹90, how much will 31 l cost?

    (i) ₹448   (ii) ₹465   (iii) ₹449   (iv) ₹480   (v) ₹467

4. If 5 l of oil costs ₹95, how much of oil costs ₹722?

    (i) 35 l   (ii) 43 l   (iii) 38 l   (iv) 33 l   (v) 41 l

5. If 20 men can make 60 sweaters in a day, how many sweaters are made by 24 men in a day?

    (i) 73   (ii) 71   (iii) 74   (iv) 70   (v) 72

6. If 15 men can make 60 toys in a day, how many men are needed to make 96 toys in a day?

    (i) 24   (ii) 21   (iii) 23   (iv) 25   (v) 26

7. If Shyam can read 285 pages in 15 hr, how many pages can he read in 20 hr?

    (i) 377   (ii) 382   (iii) 380   (iv) 379   (v) 381

8. If Daniel can read 195 pages in 15 hr, he can read 156 pages in how many hours?

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

9. If Ajay can read 32 pages in a 192 pages book in 2 hr, how much more time will it take to complete the book?

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

10. If Naveen can make 90 donuts in 9 min, in how much time can he complete an order of 380 donuts ?

    (i) 33 min   (ii) 38 min   (iii) 35 min   (iv) 41 min   (v) 43 min

11. If 55 men can do a piece of work in 63 days, how many men can do the same work in 35 days?

    (i) 99   (ii) 98   (iii) 100   (iv) 101   (v) 96

12. If 50 men can do a piece of work in 143 days, 65 men can do the same work in how many days?

    (i) 126 days   (ii) 110 days   (iii) 113 days   (iv) 102 days   (v) 82 days

13. If 17 men can build $\frac{1}{8}$ of a wall in 31 days,

    in how much more time is the wall completely built ?

    (i) 217 days   (ii) 232 days   (iii) 229 days   (iv) 204 days

14. A vehicle can cover certain distance in 180 min, running at a speed of 50 kmph. At what speed must the vehicle run to cover the same distance in 75 min?

   (i) 106 kmph (ii) 132 kmph (iii) 107 kmph (iv) 120 kmph (v) 127 kmph

15. A vehicle can cover certain distance in 35 min, running at a speed of 84 kmph. In how many minutes, the vehicle covers the same distance running at a speed of 98 kmph?

   (i) 25 min (ii) 27 min (iii) 35 min (iv) 30 min (v) 33 min

16. A person has to travel from one town to another town which is at a distance of 525 km. He covers 210 km in 10 hr. In how much more time will he reach his destination?

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

17. The cost of 11 kg of beans is ₹253. How many kgs of beans can be purchased with ₹299 ?

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

18. The cost of 19 kg of tomatoes is ₹437. How much has to be paid to purchase 10 kg of tomatoes ?

   (i) ₹208 (ii) ₹254 (iii) ₹230 (iv) ₹215 (v) ₹243

19. The weight of 12 rounds of copper wire is 324 kg. How many rounds of copper wire is present in 405 kg?

   (i) 14 (ii) 18 (iii) 15 (iv) 16 (v) 12

20. 195 men can dig a canal in 15 days working for 8 hr per day. How many men are required to complete the work in 104 days working for 3 hr per day?

   (i) 76 (ii) 78 (iii) 75 (iv) 74 (v) 72

21. 10 men can dig a trench in 20 days. But after working for 9 days, 5 men left. How many more days are required to complete the work?

   (i) 20 days (ii) 23 days (iii) 22 days (iv) 21 days (v) 24 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) 9.50 days (ii) 10.50 days (iii) 11.50 days (iv) 7.50 days (v) 8.50 days

23. In a hostel mess, there are provisions enough for 10 students for 11 days. After 8 days, 5 students left. How many more days will the provisions last ?

   (i) 7.00 days (ii) 8.00 days (iii) 6.00 days (iv) 4.00 days (v) 5.00 days

24. A bus ticket fare for 14 km costs ₹65. How much is the fare for 19 km?

   (i) ₹93.21 (ii) ₹83.21 (iii) ₹91.21 (iv) ₹85.21 (v) ₹88.21

25. The cost of 12 pens is ₹168 and 16 pencils is ₹144. With an amount of ₹378, 14 pencils are purchased. How many pens can be purchased with the remaining amount ?

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

26. The cost of 18 pens is ₹270 and 10 pencils is ₹100. With an amount of ₹445, 17 pens are purchased. How many pencils can be purchased with the remaining amount ?

   (i) 21 (ii) 18 (iii) 20 (iv) 16 (v) 19

27. The sales tax for ₹100 of a bill is ₹15. How much sales tax has to be paid for a bill of ₹402 ?

   (i) ₹65.30 (ii) ₹63.30 (iii) ₹55.30 (iv) ₹57.30 (v) ₹60.30

28. A group of pilgrims have to cover 23 km to reach a shrine. They walk 18 km in 11 hr. At what speed they have to walk to cover the remaining distance in 9 hr ?

   (i) 7.56 kmph (ii) 0.56 kmph (iii) 1.56 kmph (iv) 2.56 kmph (v) 8.56 kmph

29. To stitch a shirt, 168 cm of cloth is needed. How much cloth is needed to stitch 5 shirts ?

   (i) 840 cm (ii) 825 cm (iii) 856 cm (iv) 817 cm

30. 18 m of cloth is required to stitch 9 dresses. How many meters of cloth is required to stitch 19 dresses?

   (i) 33.00 m (ii) 35.00 m (iii) 38.00 m (iv) 43.00 m (v) 41.00 m

31. The cost of 7 dozen bananas is ₹259. What is the cost of 15 dozens ?

   (i) ₹547 (ii) ₹555 (iii) ₹527 (iv) ₹560 (v) ₹582

32. 10 mangoes weigh 6 kg. If 8 mangoes are needed, how many kgs have to be purchased?

   (i) 3.80 kg (ii) 6.80 kg (iii) 4.80 kg (iv) 2.80 kg (v) 5.80 kg

33. 45 men or 54 women can earn ₹2700 per day. How much is earned by 12 men and 17 women in a day?

   (i) ₹1390 (ii) ₹1570 (iii) ₹1610 (iv) ₹1820 (v) ₹1550

34. The total wage of 7 labourers for 16 days is ₹33600. What will be the total wage of 20 labourers for 15 days ?

   (i) ₹91400 (ii) ₹89500 (iii) ₹90000 (iv) ₹87700 (v) ₹91800

35. 32 artisans can make 36 idols in 90 days. How many artisans are required to make 35 idols in 50 days ?

   (i) 55 (ii) 58 (iii) 56 (iv) 54 (v) 57

36. 15 workers working for 6 hr per day can dig a pit in 8 days. How many days are needed for 12 workers working 2 hr per day to dig the same pit?

   (i) 33 days (ii) 25 days (iii) 30 days (iv) 27 days (v) 35 days

37. 17 cows eat 6460 kg of grass in 20 days. How much of grass has to be procured to feed 19 cows for 16 days ?

   (i) 5936 kg (ii) 6056 kg (iii) 5656 kg (iv) 5776 kg (v) 5546 kg

38. Cost of 5 toys of TypeA is ₹35 and 9 toys of TypeB is ₹126. Out of a sum of ₹218, 20 toys of TypeA are purchased. If 7 toys of TypeB have to be purchased, how much extra amount is needed?

   (i) ₹20 (ii) ₹23 (iii) ₹25 (iv) ₹17 (v) ₹15

39. 4 men can make 192 baskets in 8 days. 9 women can make 486 baskets in 9 days. How many baskets are made by 9 men and 10 women in 6 days ?

   (i) 687 (ii) 684 (iii) 682 (iv) 685 (v) 683

40. To irrigate 19 acres of a field, 100000 l of water is needed. If 10 more acres are brought under cultivation, how many lts of water is needed?

   (i) 175631.58 l (ii) 134631.58 l (iii) 156631.58 l (iv) 136631.58 l (v) 152631.58 l

41. 10 labourers can cultivate a field in 42 days working 3 hr per day. How many more labourers are needed to cultivate double the field in 15 days working 7 hr per day ?

   (i) 12 (ii) 14 (iii) 17 (iv) 13 (v) 15

42. 19 workers working 14 hr per day are paid ₹117040 for 11 days. How much has to be paid to 20 workers working 15 hr per day for 18 days ?

 (i) ₹204000 (ii) ₹229000 (iii) ₹209000 (iv) ₹221000 (v) ₹216000

43. The air ticket charges for 37 persons for a flight is ₹217264, inclusive of ₹272 as airport tax per person. How much has to be paid if 18 persons drop out of the trip ?

 (i) ₹135568 (ii) ₹94568 (iii) ₹111568 (iv) ₹129568 (v) ₹108568

44. The specification on a printer says that it prints 300 pages in 5 min. If 3600 pages have to be printed, how long will it take ?

 (i) 55 min (ii) 63 min (iii) 57 min (iv) 60 min (v) 65 min

45. 14 gm of gold costs ₹33600. What is the cost of 36 gm ?

 (i) ₹86400 (ii) ₹88700 (iii) ₹88200 (iv) ₹85100 (v) ₹85800

46. A banker gave foreign exchange of \$17 for ₹782. How many dollars will the customer get for ₹1748 ?

 (i) \$38 (ii) \$43 (iii) \$33 (iv) \$41 (v) \$35

47. 13 workers take 20 days to build a room. After working for 6 days, 8 workers left. In how many more days is the room built ?

 (i) 31.40 days (ii) 33.40 days (iii) 39.40 days (iv) 41.40 days (v) 36.40 days

48. A can do $\frac{1}{2}$ of a particular work in 6 days.

B can do $\frac{1}{13}$ of the same work in 15 days.

C can do $\frac{1}{3}$ of the same work in 7 days.

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

 (i) $7\frac{261}{743}$ days (ii) $7\frac{259}{743}$ days (iii) $7\frac{7}{19}$ days (iv) $7\frac{49}{149}$ days (v) $7\frac{257}{743}$ days

49. A journey consists of three legs. First 40 km are travelled at a speed of 80 kmph. Next 66 km are travelled at a speed of 60 kmph. Last 40 km are travelled at a speed of 100 kmph. Find the total time taken to complete the journey.

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

50. In an eating contest, the eating capacities of A, B and C are 8 gm/sec, 14 gm/sec and 6 gm/sec respectively. If the amount of food to be eaten is 20.16 kg, in how much time is it consumed if all three participants start eating together ?

 (i) 13 min (ii) 14 min (iii) 11 min (iv) 12 min (v) 9 min

51. In a certain exam, for every correct answer, 6 marks are added. For every wrong answer 4 marks are subtracted. A student attempted 35 questions and secured 150 marks. How many answers are correct and how many are wrong?

 (i) 28 correct and 7 wrong (ii) 30 correct and 5 wrong (iii) 29 correct and 6 wrong

 (iv) 27 correct and 8 wrong (v) 31 correct and 4 wrong

52. A production line consists of three stages to be completed serially.
Stage1 work can be done by 5 workers in 11 days.
Stage2 work can be done by 6 workers in 10 days.
Stage3 work can be done by 13 workers in 12 days.
If 14, 15 and 8 workers are hired to do Stage1, Stage2 and Stage3 works respectively, in how many days is the work completed ?

(i) $27\frac{3}{5}$ days (ii) $27\frac{5}{7}$ days (iii) $27\frac{1}{3}$ days (iv) $27\frac{3}{7}$ days (v) $27\frac{1}{7}$ days

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

Low Val (kl) –	High Val (kl)	Rate Rs/kl
0	20	19
20	30	24
30	80	29
80	remaining	34

How much amount has to be paid if the consumption is 8 kl.

(i) ₹147 (ii) ₹174 (iii) ₹125 (iv) ₹152 (v) ₹170

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54. 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	30	20
30	90	25
90	remaining	30

How much amount has to be paid if the consumption is 25 kl.

(i) ₹418 (ii) ₹384 (iii) ₹378 (iv) ₹423 (v) ₹400

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55. 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	80	21
80	remaining	26

How much amount has to be paid if the consumption is 41 kl.

(i) ₹547 (ii) ₹568 (iii) ₹586 (iv) ₹561 (v) ₹555

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56. 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	30	25
30	90	30
90	remaining	35

How much amount has to be paid if the consumption is 92 kl.

(i) ₹2370 (ii) ₹2780 (iii) ₹2550 (iv) ₹2300 (v) ₹2520

Assignment Key

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