



1. A is 30% more efficient than B. How much time will they, working together, take to complete a job which A alone could have done in 23 days?

- A. 9 days
- B. 11 days
- C. 13 days
- D. 15 days

Answer: C

2. A and B can do a work in 8 days, B and C can do the same work in 12 days. A, B and C together can finish it in 6 days. A and C together will do it in

- A. 8 days
- B. 13 days
- C. 9 days
- D. 12 days

Answer: A

3. Ravi and Kumar are working on an assignment. Ravi takes 6 hours to type 32 pages on a computer, while Kumar takes 5 hours to type 40 pages. How much time will they take, working together on two differ

- A. 7 hours 15 minutes
- B. 8 hours 15 minutes
- C. 7 hours 30 minutes
- D. 8 hours 30 minutes

Answer: B

4. A takes twice as much time as B or thrice as much time as C to finish a piece of work. Working together, they can finish the work in 2 days. B can do the work alone in

- A. 4 days
- B. 8 days
- C. 6 days
- D. 12 days

Answer: C

5. X and Y can do a piece of work in 20 days and 12 days respectively. X started the work alone and then after 4 days Y joined him till the completion of the work. How long did the work last?

- A. 20 days
- B. 14 days
- C. 10 days
- D. 6 days

Answer: C

6. A and B can do a job together in 7 days. A is $\frac{13}{4}$ times as efficient as B. The same job can be

done by A alone in

- A. (A's 1 day's work) : (B's 1 day's work) = 7/4 : B. Let A's and B's 1 day's work be 7x and 4x respectively.
 $1 = 7 : 4.$
- C. Then, $7x + 4x = 1/7 \Rightarrow 11x = 1/7 \Rightarrow D.$ Therefore A's 1 day's work = $(1/77 \times 7) = 1/11 = 11$ days
 $x = 1/77 .$

Answer: A

7. X can do a piece of work in 40 days. He works at it for 8 days and then Y finished it in 16 days. How long will they together take to complete the work?

- A. 40/3 days B. 27 days
C. 33 days D. 15 days

Answer: A

8. A and B complete a work in 6 days. A alone can do it in 10 days. If both together can do the work in how many days?

- A. 3.75 days B. 4 days
C. 5 days D. 6 days

Answer: A

9. A and B together can do a piece of work in 8 days. If A alone can do the same work in 12 days, then B alone can do the same work in?

- A. 20 days B. 16 days
C. 24 days D. 28 days

Answer: C

10. A can do a piece of work in 4 days. B can do it in 5 days. With the assistance of C they completed the work in 2 days. Find in how many days can C alone do it?

- A. 10 days B. 20 days
C. 5 days D. 4 days

Answer: B

11. Twenty women can do a work in sixteen days. Sixteen men can complete the same work in

- A. 4 days
- C. 10 days
- B. 6 days
- D. 16 days

Answer: D

17. A and B can do a piece of work in 3 days, B and C in 4 days, C and A in 6 days. How long will C take to do it?

- A. 18 days
- C. 24 days
- B. 20 days
- D. 30 days

Answer: C

18. A takes twice as much time as B or thrice as much time as C to finish a piece of work. Working together, they can finish the work in 2 days. B can do the work alone in:

- A. 4 days
- C. 8 days
- B. 6 days
- D. 12 days

Answer: B

19. A can do a piece of work in 10 days. He works at it for 4 days and then B finishes it in 9 days. In how many days can A and B together finish the work?

- A. 6 days
- C. $8\frac{1}{2}$ days
- B. 8 days
- D. $7\frac{1}{2}$ days

Answer: A

20. A can do a piece of work in 40 days; B can do the same in 30 days. A started alone but left the work after 10 days, then B worked at it for 10 days. C finished the remaining work in 10 days. C alone c

- A. 24 days
- C. 44 days
- B. 30 days
- D. $17\frac{1}{2}$ days

Answer: A



21. A and B can together finish a work 30 days. They worked together for 20 days and then B left. After another 20 days, A finished the remaining work. In how many days A alone can finish the work?

- A. 40 days
- B. 23 days
- C. 35 days
- D. 42 days

Answer: A

22. A and B can complete a work in 15 days and 10 days respectively. They started doing the work together but after 2 days B had to leave and A alone completed the remaining work. The whole work was compl

- A. 8 days
- B. 10 days
- C. 12 days
- D. 15 days

Answer: C

23. A work which could be finished in 9 days was finished 3 days earlier after 10 more men joined. The number of men employed was?

- A. 18
- B. 20
- C. 22
- D. 24

Answer: B

24. A and B can do a piece of work in 7 days. With the help of C they finish the work in 5 days. C alone can do that piece of work in?

- A. 1 day
- B. 10 days
- C. 30 days
- D. 32 days

Answer: C

25. A does 80% of a work in 20 days. He then calls in B and they together finish the remaining work in 3 days. How long B alone would take to do the whole work?

- A. $45/2$ days
- B. 55 days
- C. $65/2$ days
- D. $75/2$ days

Answer: D

26. A and B can do a piece of work in 30 days, while B and C can do the same work in 24 days and C and A in 20 days. They all work together for 10 days when B and C leave. How many days more will A take t

- A. 18 days
- B. 24 days
- C. 30 days
- D. 36 days

Answer: A

27. A works twice as fast as B. If B can complete a work in 12 days independently, the number of days in which A and B can together finish the work in :

- A. 4 days
- B. 6 days
- C. 8 days
- D. 18 days

Answer: A

28. Ravi can do a piece of work in 30 days while Prakash can do it in 40 days. In how many days will they finish it together?

- A. $17 \frac{1}{7}$ days
- B. $27 \frac{1}{7}$ days
- C. $23 \frac{2}{7}$ days
- D. $16 \frac{4}{11}$ days

Answer: A

29. Anil can do a work in 15 days while Sunil can do it in 25 days. How long will they take if both work together?

- A. $3 \frac{4}{9}$ days
- B. $8 \frac{4}{9}$ days
- C. $9 \frac{3}{8}$ days
- D. $6 \frac{3}{8}$ days

Answer: C

30. A can finish a work in 24 days, B in 9 days and C in 12 days. B and C start the work but are forced to leave after 3 days. The remaining work was done by A in

- A. 3 days
- B. 5 days
- C. 8 days
- D. 10 days

Answer: D

31. A and B can do a work in 8 days, B and C can do the same work in 12 days. A, B and C together

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can finish it in 6 days. A and C together will do it in :

- A. 4 days
- B. 6 days
- C. 8 days
- D. 12 days

Answer: C

32. A can do a job in 18 days and B can do it in 30 days. A and B working together will finish twice the amount of work in ----- days?

- A. $21 \frac{1}{2}$ days
- B. $22 \frac{1}{2}$ days
- C. $23 \frac{1}{2}$ days
- D. $12 \frac{1}{2}$ days

Answer: A

33. A can do a piece of work in 10 days and B can do it in 15 days and C can do it 20 days. They started the work together and A leaves after 2 days and B leaves after 4 days from the beginning. How long

- A. $8 \frac{2}{3}$ days
- B. $9 \frac{2}{3}$ days
- C. $10 \frac{2}{3}$ days
- D. 10 days

Answer: C

34. A, B and C can complete a piece of work in 24, 6 and 12 days respectively. Working together, they will complete the same work in

- A. $\frac{24}{7}$ days
- B. $\frac{23}{8}$ days
- C. $\frac{7}{24}$ days
- D. $\frac{8}{23}$ days

Answer: A

35. A and B together can do a piece of work in 30 days. A having worked for 16 days, B finishes the remaining work alone in 44 days. In how many days shall B finish the whole work alone?

- A. 30 days
- B. 40 days
- C. 60 days
- D. 70 days

Answer: C

36. A can do a piece of work in 12 days. When he had worked for 2 days B joins him. If the complete work was finished in 8 days. In how many days B alone can finish the work?



- A. 18 days
- C. 24 days
- B. 12 days
- D. 10 days

Answer: A

37. A, B and C can complete a piece of work in 24, 6 and 12 days respectively. Working together, they will complete the same work in

- A. $24/7$ days
- C. $7/24$ days
- B. $23/8$ days
- D. $8/23$ days

Answer: A

38. A and B together can do a work in 6 days. If A alone can do it in 15 days. In how many days can B alone do it?

- A. 10
- C. 12
- B. 15
- D. 16

Answer: A

39. A can do a piece of work in 15 days and B in 20 days. They began the work together but 5 days before the completion of the work, A leaves. The work was completed in?

- A. 8 days
- C. 15 days
- B. 10 days
- D. $11 \frac{3}{7}$ days

Answer: D

40. A is thrice as efficient as B and is, therefore, able to finish a piece of work 10 days earlier than B. In how many days A and B will finish it together?

- A. $3 \frac{1}{2}$ days
- C. 3 days
- B. $3 \frac{4}{5}$ days
- D. 5 days

Answer: D

41. A alone can do a piece of work in 6 days and B alone in 8 days. A and B undertook to do it for Rs.



3200. With the help of C, they completed the work in 3 days. How much is to be paid to C?

- A. Rs 400
- B. Rs 500
- C. Rs 200
- D. Rs 350

Answer: A

42. A, B and C can do a piece of work in 7 days, 14 days and 28 days respectively. How long will they taken, if all the three work together?

- A. 3 days
- B. 4 days
- C. 5 days
- D. 6 days

Answer: B

43. After working for 6 days, Ashok finds that only $\frac{1}{3}$ rd of the work has been done. He employs Ravi who is 60% as efficient as Ashok. How many days more would Ravi take to complete the work?

- A. 19 days
- B. 10 days
- C. 20 days
- D. 12 days

Answer: C

44. A can do a piece of work in 4 hours; B and C together can do it in 3 hours, while A and C together can do it in 2 hours. How long will B alone take to do it?

- A. 6 hours
- B. 12 hours
- C. 4 hours
- D. 8 hours

Answer: B

45. A is twice as good a work man as B and together they finish the work in 14 days. In how many days A alone can finish the work?

- A. 20
- B. 21
- C. 22
- D. 23

Answer: B

C. 50

D. 60

Answer: D

52. A and B can finish a work in 16 days while A alone can do the same work in 24 days. In how many days B alone will complete the work?

A. 56

B. 48

C. 36

D. 58

Answer: B

53. A can finish a piece of work in 5 days. B can do it in 10 days. They work together for two days and then A goes away. In how many days will B finish the work?

A. 4 days

B. 5 days

C. 6 days

D. 8 days

Answer: A

54. A can finish a work in 18 days and B can do the same work in 15 days. B worked for 10 days and left the job. In how many days, A alone can finish the remaining work?

A. 6 days

B. 12 days

C. 5 days

D. 9 days

Answer: A

55. Ramesh can finish a work in 20 days and Sushil in 25 days. They both work together for 5 days and then Sushil goes away. In how many days will Ramesh complete the remaining work?

A. 8 days

B. 9 days

C. 10 days

D. 11 days

Answer: D

56. 16 men can complete a piece of work in 25 days. In how many days can 20 men complete that piece of work?

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- A. 16 days
C. 20 days
- B. 18 days
D. 22 days

Answer: C

57. A machine P can print one lakh books in 8 hours, machine Q can print the same number of books in 10 hours while machine R can print them in 12 hours. All the machines are started at 9 A.M. while machi

- A. 11.30 am
C. 2.00 pm
- B. 1.00 pm
D. 12.30 pm

Answer: B

58. 5 men are equal to as many women as are equal to 8 boys. All of them earn Rs.90 only. Men's wages are?

- A. Rs.6
C. Rs.4.50
- B. Rs.5
D. Rs.5.50

Answer: A

59. 45 men working 8 hours per day dig 30 m deep. How many extra men should be put to dig to a depth of 50 m working 6 hours per day?

- A. 25
C. 45
- B. 30
D. 55

Answer: D

60. A is half good a work man as B and together they finish a job in 14 days. In how many days working alone B finish the job?

- A. 20
C. 22
- B. 21
D. 23

Answer: B

61. A and B can do a piece of work in 8 days. B and C can do it in 12 days and A and C in 16 days. Working together they will complete the work in how many days?

- A. 14.76 days B. 12.2 days
C. 9.48 days D. 7.38 days

Answer: D

62. Two men and three women working 7 hours a day finish a work in 5 days. Four men and four women working 3 hours a day complete the work in 7 days. The number of days in which only 7 men working 4 hours

- A. 5 days B. 6 days
C. 7 days D. 10 days

Answer: A

63. A can do a piece of work in 20 days. B in 15 days A and C in 12 days. In how many days can A finish the work if he is assisted by B on one day and C on the next, alternately?

- A. 10 B. 8
C. 6 D. 4

Answer: B

64. 3 men or 6 women can do a piece of work in 20 days. In how many days will 12 men and 8 women do the same work?

- A. $7/2$ B. $15/4$
C. 5 D. 4

Answer: B

65. A can do a certain work in the same time in which B and C together can do it. If A and B together could do it in 10 days and C alone in 50 days, then B alone could do it in

- A. 10 days B. 15 days
C. 20 days D. 25 days

Answer: D

66. A is twice as good a workman as B and they took 7 days together to do the work B alone can do it

in.

- A. 12 days
- B. 18 days
- C. 21 days
- D. 27 days

Answer: C

67. A can do half the work in one day where as B can do it full. B can also do half the work of C in one day. Ratio in their efficiency will be?

- A. 4:2:1
- B. 2:4:1
- C. 2:1:4
- D. 1:2:4

Answer: D

68. A can do a piece of work in 12 days. He worked for 15 days and then B completed the remaining work in 10 days. Both of them together will finish it in.

- A. 12 1/2 days
- B. 25 days
- C. 6 days
- D. 12 days

Answer: A

69. A, B and C can do a piece of work in 20, 30 and 60 days respectively. In how many days can A do the work if he is assisted by B and C on every third day?

- A. 10 days
- B. 15 days
- C. 20 days
- D. 5 days

Answer: B

70. A can do a half of certain work in 70 days and B one third of the same in 35 days. They together will do the whole work in.

- A. 420 days
- B. 120 days
- C. 105 days
- D. 60 days

Answer: D



71. A can do a work in 15 days and B in 20 days. If they work on it together for 4 days, then the fraction of the work that is left is

- A. $\frac{8}{15}$
- B. $\frac{7}{15}$
- C. $\frac{4}{3}$
- D. $\frac{1}{7}$

Answer: A

72. If 3 workers collect 48 kg of cotton in 4 days, how many kg of cotton will 9 workers collect in 2 days?

- A. 216
- B. 108
- C. 72
- D. 36

Answer: C

73. Anita, Indu and Geeta can do a piece of work in 18 days, 27 days and 36 days respectively. They start working together. After working for 4 days. Anita goes away and Indu leaves 7 days before the work

- A. 16 days
- B. 17 days
- C. 18 days
- D. 19 days

Answer: A

74. 15 men take 21 days of 8 hours each to do a piece of work. How many days of 6 hours each would 21 women take to do the same. If 3 women do as much work as 2 men?

- A. 10
- B. 20
- C. 30
- D. 40

Answer: C

75. Some persons can do a piece of work in 12 days. Two times the number of these people will do half of that work in?

- A. 3 days
- B. 4 days
- C. 6 days
- D. 12 days

Answer: A

76. A and B can do a piece of work in 30 days, while B and C can do the same work in 24 days and C

and A in 20 days. They all work together for 10 days when B and C leave. How many days more will A take to

- A. 6 days
- B. 12 days
- C. 18 days
- D. 24 days

Answer: C

77. Some persons can do a piece of work in 12 days. Two times the number of these people will do half of that work in?

- A. 3 days
- B. 4 days
- C. 6 days
- D. 12 days

Answer: A

78. If 12 men and 16 boys can do a piece of work in 5 days and 13 men together will 24 boys can do it in 4 days. Compare the daily work done by a man with that of a boy.

- A. 4:3
- B. 2:1
- C. 1:2
- D. 2:5

Answer: B

79. Two pipes X and Y can separately fill a cistern in 18 and 24 hours respectively. If they are turned on alternately for one hour each, how long will it take to fill the cistern?

- A. 20 hours 30 min
- B. 24 hours
- C. 18 hours 30 min
- D. 16 hours

Answer: A

80. A and B can do a work in 5 days and 10 days respectively. A starts the work and B joins him after 2 days. In how many days can they complete the remaining work?

- A. 1 day
- B. 2 days
- C. 3 days
- D. 4 days

Answer: B

81. A, B and C can do a work in 6 days, 8 days and 12 days respectively. In how many days can all three of them working together, complete the work?

- A. $2 \frac{2}{3}$ days
C. $1 \frac{2}{3}$ days
- B. $4 \frac{2}{3}$ days
D. $2 \frac{1}{3}$ days

Answer: A

82. A and B can do a work in 12 days, B and C in 30 days and C and A in 36 days. In how many days will the work be completed, if all three of them work together?

- A. $160/11$ days
C. $180/13$ days
- B. $125/14$ days
D. $120/11$ days

Answer: C

83. A, B and C can do a piece of work in 24 days, 30 days and 40 days respectively. They began the work together but C left 4 days before the completion of the work. In how many days was the work complete

- A. 5 days
C. 7 days
- B. 4 days
D. 11 days

Answer: D

84. P is three times as fast as Q and working together, they can complete a work in 12 days. In how many days can Q alone complete the work?

- A. 16 days
C. 17 days
- B. 20 days
D. 12 days

Answer: A

85. If 5 men and 2 boys working together, can do four times as much work per hour as a man and a boy together. Find the ratio of the work done by a man and that of a boy for a given time?

- A. 1:3
C. 1:2
- B. 3:1
D. 2:1

Answer: D

86. 30 men can do a work in 40 days. When should 20 men leave the work so that the entire work is completed in 40 days after they leave the work?

- A. 5 days
- B. 10 days
- C. 15 days
- D. 20 days

Answer: B

87. A and B can do a work in 4 hours and 12 hours respectively. A starts the work at 6AM and they work alternately for one hour each. When will the work be completed?

- A. 4 days
- B. 7 days
- C. 5 days
- D. 6 days

Answer: D

88. A can do a work in 9 days and B can do the same work in 18 days. If they work together, in how many days will they complete the work?

- A. 8
- B. 7
- C. 6
- D. 5

Answer: C

89. A, B and C can do a work in 90, 30 and 45 days respectively. If they work together, in how many days will they complete the work?

- A. 15
- B. 10
- C. 20
- D. 25

Answer: A

90. P alone can complete a piece of work in 6 days. Work done by Q alone in one day is equal to one-third of the work done by P alone in one day. In how many days can the work be completed if P and Q work

- A. $4\frac{3}{4}$
- B. $4\frac{1}{2}$
- C. 4
- D. 5

Answer: B

91. A and B can do a work in 18 day, B and C in 30 days, A and C in $22\frac{1}{2}$ days. In how many days



can A,B and C individually do the work?

- A. 30,45,60
- B. 60,45,90
- C. 45,60,90
- D. None of these

Answer: D

92. A can do a piece of work in 21 days and B in 28 days. Together they started the work and B left after 4 days. In how many days can A alone do the remaining work?

- A. 12
- B. 10
- C. 16
- D. 14

Answer: D

93. Varma can read a book in k minutes. What part of the book can he read in 8 minutes? ($k > 8$)

- A. $8 + k$
- B. $8/k$
- C. $k/8$
- D. $(k - 8)/k$

Answer: B

94. A is twice as fast as B. If B alone can do a piece of work in 30 days, in what time can A and B together complete the work?

- A. 10
- B. 12
- C. 15
- D. 8

Answer: A

95. A can do a piece of work in 10 days and B can do the same work in 12 days. A and B worked together for 2 days. How many more days are required to complete the remaining work if they work together?

- A. $2(2/11)$ days
- B. $3(3/11)$ days
- C. $3(5/11)$ days
- D. $6(3/11)$ days

Answer: C



96. Two persons A and B can complete a piece of work in 30 days and 45 days respectively. If they work together, what part of the work will be completed in 3 days?

- A. $\frac{1}{3}$
- B. $\frac{1}{4}$
- C. $\frac{1}{6}$
- D. $\frac{1}{18}$

Answer: C

97. Twenty four men can do a work in 35 days. How many men are required to complete the work in 21 days?

- A. 38
- B. 40
- C. 36
- D. 42

Answer: B

98. A certain number of men can do a work in 65 days working 6 hours a day. If the number of men are decreased by one-fourth, then for how many hours per day should they work in order to complete the work

- A. 14
- B. 13
- C. 16
- D. 15

Answer: B

99. Thirty men can do a work in 24 days. In how many days can 20 men can do the work, given that the time spent per day is increased by one-third of the previous time?

- A. 30
- B. 28
- C. 24
- D. None of these

Answer: D

100. Sixty men can stitch 200 shirts in 30 days working 8 hours a day. In how many days can 45 men stitch 300 shirts working 6 hours a day?

- A. 60
- B. 90
- C. 70
- D. 80

Answer: D