Time & Work

1. Anil and Bipin together can complete a work in 15days, while bipin can complete it in 20days. In how many days can anil alone complete this work.

   (a) 20days   (b) 15days   (c) 45days   (d) 60days

2. A, B & C can complete a work in 10days, 15days and 20days. Together they completed the work and received Rs.2600 as wage. What is the wage of C.

(a) Rs.550   (b) Rs.600   (c) Rs.620   (d) Rs.460

3. Amit and Bipin can complete a project in 9days, Bipin and Chandan can complete the same project in 12days while Chandan and Amit can also complete the project in 18days. Find in how many days the project will be completed if Amit, Bipin and Chandan work together.

(a) 6days   (b) 8days   (c) 9days   (d) 11days

4. A can complete a work in 24days, B alone can complete the same work in 30days. Together they worked for 11days. What % of work is left.

    (a) 15.55%   (b) 14%   (c) 17.5%   (d) 20%

5.Pradip is twice as efficient as Sandeep in completing a work. Working together they can complete the work in 28days. In how many days can Pradeep alone can complete the work.

(a) 36days   (b) 42days   (c) 40days   (d) 38days

Question based on Alternate Day concept

6. A can do a piece of work in 8days, while B can do the same work in 18days. Starting from B, if both of them work one by one every day , then in how many days will the work be completed.

   (a) 11 1/3 days   (b) 13 ½ days   (c) 14days   (d) none

7. A, B & C can complete a work in 20, 30 and 60 days respectively. If B and C both help A every third day, then in how many days will the work is completed.

(a) 12days   (b) 16days   (c) 15days   (d) 11days

When someone leaves the work

8. Amit and Aman can do a work in 10days and 15days respectively. They started the work together, but Amit left the work 5 days before its completion. In how many days was the work completed.

   (a) 9days   (b) 11days   (c) 13days   (d) 15days

9. A and B separately can complete a work in 18days and 30 days respectively. A and B started the work together but A leaves the work 16 2/3 days before its completion and B completes the remaining work alone. For how many days A worked.

(a) 8days   (b) 6days   (c) 9days   (d) 5days

10. A, B and C can do a work separately in 16, 32 and 48days respectively. They started the work together but B left after 8days and C left 6 days before the completion of work. In how many days the work will be completed.

(a) 11.5days   (b) 10.5days   (c) 13.8days   (d) 15days

Corresponds To

11. 4 men and 8 women can complete a work in 10 days, 5 men and 24 women can complete the same work in 4 days. In how many days will 1 man and 1 woman will complete the same work.

   (a) 55 2/3 days   (b) 66 2/9 days   (c) 62 2/9days   (d) 58 2/7days

12. 20 men can complete a work in 40days and 40 women can complete the same work in 60days. If 10 men and 20 women worked together, in how many days will the work be completed.

    (a) 35days   (b) 48days   (c) 42days   (d) 30days

13. 3 men or 5 women can do a work in 57 days. In how many days can 9men and 4 women complete the same work.

    (a) 15days   (b) 12days   (c) 10days   (d) 18days

MDH Rule

14. 15 boys can complete a work in 28days, then in how many days 21boys can complete the same work.

    (a) 18days   (b) 20days   (c) 22days   (d) 15days

15. A contractor employed 69 workers to complete a work in 20 days. How many more workers should he hire to complete the work in 12days.

   (a) 46   (b) 45   (c) 40   (d) 48

16. 16 men can paint 15 walls in 45days. In how many days can 20 men will paint 20 walls.

  (a) 44days   (b) 50days   (c) 48days   (d) 30days

17. 30 men can complete a job in 40days. However after 24days some men out of the assigned 30men left the job. The remaining people took another 40 days to complete the job. The number of men left the job is.

   (a) 15   (b) 18   (c) 20   (d) 25

Question Based on Efficiency

18. A is 40% more efficient than B. If A alone can complete a work in 24 days, then in how many days will both A and B working together complete the work?

   (a) 12days   (b) 14days   (c) 15days   (d) 18days

19. Binita is 1.25 times faster than Deepak. Working together , both can complete a work in 40days. In how many days Deepak alone can do the same work.

    (a) 60days   (b) 75days   (c) 90days   (d) 80days

20. X is twice as efficient as Y and Y is 50% more efficient than Z. If Z alone can do the job in 90 days, then in how many days can all of them do the job together?

(a) 16   (b) 16.4   (c) 15   (d)15.6

Miscellaneous

21. Some boys can complete a work in 46 days. If there were 26 boys more, then the work could be finished in 26 days less. What was the number of boys in the beginning?

   (a) 20   (b) 17   (c) 18   (d) 10

22. P and Q can do a work in 6 days. Q and R can do the same work in 8 days while R and P can do it in 10 days. They did the work for 3 days and then P left. How long will Q and R take if they work together?

(a) 3 (b) 3.2 (c) 3.1 (d) 3.3

23. A alone can do a piece of work in 20 days and B alone can do the same work in 30 days. If A and B work together to complete the work, then what is the percentage of work done by B?

    (a) 30%   (b) 45%   (c) 25%   (d) 40%

24. Ram and Shyam can complete a work in 20 and 25 days respectively, after working together for 8 days Shyam gets an injury, so he can work with only 50 percent of his efficiency. If both of them work together till the end of the work, then find the number of days taken by them to complete the whole work.

    (a) 10   (b) 12   (c) 15   (d) 18

25. Kamal can do a piece of work in 18 days and Kamlesh can do the same work in 36 days. They started the work and after 6 days Sunil joined them, who can complete the same whole work in 6 days. What is the total number of days in which they had completed the work?

(a) 10   (b) 16   (c) 8   (d) 6