

15. A completes $\frac{7}{10}$ of work in 15 days, then he completes the remaining work with the help of B in 4 days. The time required for A and B together to complete the entire work is

- (1) $10\frac{2}{3}$ days (2) $12\frac{2}{3}$ days
(3) $13\frac{1}{3}$ days (4) $8\frac{1}{4}$ days

(5) None of these

16. 15 women can complete a work in 4 days. How long 20 women will take to complete the work?

- (1) 2 days (2) $2\frac{1}{2}$ days
(3) 3 days (4) $3\frac{1}{2}$ days

(5) None of these

17. A and B together can do a piece of work in 4 days. If A alone can do it in 6 days, in how many days B can alone complete the same piece of work ?

- (1) 12 Days (2) 8 Days
(3) 9 Days (4) 16 Days
(5) None of these

18. Raju, Rinku and Ram can do a work in 6, 12 and 24 days respectively. In what time will they together do it?

- (1) $3\frac{3}{7}$ days (2) $2\frac{3}{7}$ days
(3) $4\frac{3}{7}$ days (4) $3\frac{3}{5}$ days

(5) None of these

19. A and B can finish a work in 30 days, B and C in 40 days while C and A in 60 days. How long will they take to finish it together?

- (1) $24\frac{2}{3}$ days (2) $26\frac{2}{3}$ days
(3) $28\frac{1}{3}$ days (4) $27\frac{2}{3}$ days

(5) None of these

20. A can write 75 pages in 25 hrs. A and B together can write 135 pages in 27 hrs. In what time can B write 42 pages?

- (1) 17 hrs (2) 19 hrs
(3) 21 hrs (4) 23 hrs
(5) None of these

21. A, B and C can finish a work in 10, 12 and 15 days respectively. If B stops after 2 days, how long would it take A and C to finish the remaining work?

- (1) $2\frac{8}{11}$ days (2) $3\frac{8}{11}$ days
(4) $2\frac{6}{11}$ days (4) $3\frac{6}{11}$ days
(5) None of these

22. I can finish a work in 15 days working 8 hrs.

a day. You can finish it in $6\frac{2}{3}$ days at 9 hrs a day. Find in how many days we can finish it together, if we work 10 hrs a day?

- (1) 2 days (2) 3 days
(3) 4 days (4) Can't be determined
(5) None of these

23. A is twice as good a workman as B; and together they finish a work in 16 days. In how many days can it be done by each separately?

- (1) 24 days, 48 days (2) 22 days, 24 days
(3) 23 days, 25 days (4) Can't be determined
(5) None of these

24. One man, 3 women and 4 boys can do a work in 96 hrs; 2 men and 8 boys can do it in 80 hrs; and 2 men and 3 women can do it in 120 hrs. In how many hours can it be done by 5 men and 12 boys?

- (1) $41\frac{5}{11}$ hrs (2) $43\frac{7}{11}$ hrs
(3) $43\frac{5}{11}$ hrs (4) $42\frac{7}{11}$ hrs
(5) None of these

25. A and B working separately can do a piece of work in 9 and 12 days respectively. If they work for a day alternately, A beginning, in how many days will the work be completed?

- (1) $10\frac{1}{4}$ days (2) $12\frac{1}{4}$ days
(3) $8\frac{1}{6}$ days (4) $10\frac{5}{6}$ days
(5) None of these

26. A certain number of men complete a piece of work in 60 days. If there were 8 men more, the work could be finished in 10 days less. How many men were originally there?

- (1) 30 men (2) 40 men
(3) 45 men (4) 50 men
(5) None of these