

Time and Work

- Q.1 8 man can do a piece of work in 5 days. In how many days 10man can do complete the same piece of work. (a) 4days (b) 6days (c) 5days (d) 7days
- Q.2 40 man can cut 70 trees in 8hrs. If 8man leave the job how many trees will be cut in 12hours. (a) 88 trees (b) 82 trees (c) 84 trees (d) 81 trees
- Q.3 10 man can prepare 20 articles in 3 days working 12 hours a day. Then in how many days can 24man prepare 32 articles working 4 hours a day? (a) 4days (b) 6days (c) 2days (d) 3days
- Q.4 A can do a piece of work in 5 days and B can do it in 6 days. How long will they take if both work together? (a) $1\frac{8}{11}$ days (b) $2\frac{8}{11}$ days (c) $4\frac{8}{11}$ days (d) $5\frac{8}{11}$ days.
- Q.5 A and B together can complete a piece of work in 4 days. If A alone can complete the same work in 12 days, In how many days can B alone complete that work? (a) 9days (b) 6days (c) 5days (d) 7days
- Q.6 A can do a piece of work in 7 days of 9hrs. and B can do it in 6 days of 7 hrs. each. How long will they take to do it working together $8\frac{2}{5}$ hours a day? (a) 3days (b) 4days (c) 5days (d) 7days
- Q.7 A and B can do a piece of work in 12days, B and C in 15days, C and A can do in 20days. How long would each take separately to do the same work? (a) 31,20& 50days (b) 35,25& 60days (c) 30,20& 60days (d) 33,22& 62days
- Q.8 10 men can complete a piece of work in 15days and 15 women can complete the same work in 12 days. If all the 10 man and 15 women work together, in how many days will the work get completed? (a) $3\frac{2}{3}$ days (b) $4\frac{2}{3}$ days (c) $5\frac{2}{3}$ days (d) $6\frac{2}{3}$ days
- Q.9 A & B can do a work in 5 & 4days respectively. But with the help of C they finish the work in 2days. Find in what time C can do it alone? (a) 10days (b) 16days (c) 20days (d) 17days
- Q.10 A can do $\frac{1}{3}$ of a work in 5days and B can do $\frac{2}{5}$ of the work in 10days. In how many days both A & B together can do it in. (a) $9\frac{3}{8}$ days (b) $6\frac{3}{8}$ days (c) $7\frac{3}{8}$ days (d) $8\frac{3}{8}$ days
- Q.11 A & B together can do a piece of work in 8days. B alone can do it in 12days, supposing B alone works at it for 4 days, in how many more days could A alone finish it? (a) 16days (b) 12days (c) 20days (d) 17days
- Q.12 If 3men or 5women can reap a field in 43days, how long will 5men and 6women take to reap it? (a) 13days (b) 12days (c) 15days (d) 17days
- Q.13 A certain number of men can do a work in 30days. If there were men 6 less it could be finished in 20days more. How many men are there? (a) 14man. (b) 25man. (c) 15man. (d) 16man.
- Q.14 There is a sufficient food for 150 men for 15 days. After 10 days 75men leave the place. For how many days will the rest of the food last for the men? (a) 13days (b) 12days (c) 15days (d) 10days
- Q.15 A is twice as fast as B and is therefore able to finish a work in 30days less than B. Find the time in which they can do it working together. (a) 13days (b) 20days (c) 15days (d) 17days
- Q.16 A & B together can do a piece of work in 3 days. If A does thrice as much work as B in a given time, find how long A alone would take to do the work? (a) 4days. (b) 6days (c) 5days (d) 7days
- Q.17 A & B can do a work in 40 and 35 days respectively. They began the work together, but A left after some time and B finished the remaining work in 10days. After how many days did A leave? (a) $11\frac{1}{3}$ days. (b) $10\frac{1}{3}$ days. (c) $13\frac{1}{3}$ days. (d) $12\frac{1}{3}$ days.

- Q.18 2men or 3women or 4 boys can do a work in 52days. Then in how many days will 1men, 1women and boy do the work? (a) 50day. (b) 42day. (c) 40day. (d) 48day
- Q.19 A certain number of men can do a work in 50 days. If there were 3 men more it could be finished in 5 days less. How many men are there?
(a) 27 men (b) 25man (c) 20man (d) 18man
- Q.20 A, B and C can do a work in 8, 16 and 24days respectively. They all begin together. A continues to work till it is finished, C leaving off 2 days and B 1 day before its completion. In what time is the work finished?
(a) 5days. (b) 6days (c) 8days (d) 7days
- Q.21 A, B and C can do a work in 12, 18 and 24days respectively, They all begin together, A stop the work after 4days and B is called off 2 days before the work is done. In what time was the work finished?
(a) 8days. (b) 6days (c) 9days (d) 7days
- Q.22 A & B working separately can do a work in 9 & 12 days respectively. B starts the work and they work on alternate days. In how many days will the work be completed?
(a) $11\frac{1}{3}$ days (b) $10\frac{1}{3}$ days. (c) $13\frac{1}{3}$ days. (d) $12\frac{1}{3}$ days
- Q.23 A & B can do a job alone in 10 and 8days respectively. On 1st March A starts the job and then they work on alternate days. When will the work be finished?
(a) 11th March (b) 8th March (c) 10th March (d) 9th March
- Q.24 A & B working separately can plough a field in 6 and 10hrs. respectively. At 8am A starts the work and they work in stretches of one hour alternately, when will the ploughing be completed?
(a) 3:25pm. (b) 3:20pm. (c) 3:30pm. (d) 4:20pm.
- Q.25 Ram can do a work in 35days and Ravi can do same work in 28days. If Ram after doing 10days, leaves the work. Find in how many days Ravi will do the remaining work?
(a) 20days (b) 30day. (c) 28day. (d) 32day.
- Q.26 A & B can do a piece of work in 20 & 30 days respectively. Both are starts the work together for some time, but B leaves job 5days before the work is completed. Find the time in which work is finished.
(a) 16days. (b) 20days (c) 15days (d) 14days
- Q.27 A can do a piece of work in 15days. A does the work for 3 days only and leaves the job. B does the remaining work in 8days. In how many days B alone can do the work?
(a) 11days (b) 12days (c) 10days (d) 14days
- Q.28 A & B can do a piece of work in 6 & 5 days respectively. They took contract for the work is Rs.440. How much share of each if both of them work together?
(a) Rs.180&Rs.260 (a) Rs.300&Rs.140 (a) Rs.190&Rs.250 (d) Rs.200&Rs.240
- Q.29 A, B and C can do a work in 4, 6 and 10 days respectively. They finish the work together and earn Rs.620. What is the share of each? (a)Rs.310,200&Rs.110 (b)Rs.300,200& Rs.120
(c) Rs.300,210& Rs.110 (d) Rs.320,200& Rs.100
- Q.30 A can do a work in 20days. A & B together do the same work in 15days. If they are paid Rs.400 for that work, what is the share of each?
(a) Rs.280 & Rs.120 (b) Rs.290 & Rs.110 (c) Rs.300 & Rs.100 (d) Rs.250 & Rs.150
- Q.31 A, B and C together earn Rs.2700 in 18days. A & C together earn Rs.940 in 10days. B & C together earn Rs.1520 in 20days. Find the daily earning of each?
- Q.32 A & B working together can do a piece of work in 6 days. They took a work for Rs.800, B alone could do it in 8 days. Supposing B works at it for 5 days and A will finish the remaining work alone. Find the share of each in Rs.800?
- Q.33 18 women can complete a work in 12 days and 12 men can complete the same work in 9 days. In how many days will 8 men and 8 women complete that work?
(a) 9 (b) 6 (c) 12 (d) 8
- Q.34 A can copy 75 pages in 25 hrs. A and B together can copy 135 pages in 27 hrs. In what time can B copy 42 pages? (a) 17 hrs (b) 19 hrs (c) 21 hrs (d) 23 hrs

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