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Spardhaguru Current affairs



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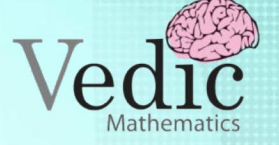
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1. The time taken by 4 men to complete a job is double the time taken by 5 children to complete the same job. Each man is twice as fast as a woman. How long will 12 men, 10 children and 8 women take to complete a job, given that a child would finish the job in 20 days?

[SSC CGL (Mains) 2016]

- (a) 4 days (b) 3 days
(c) 2 days (d) 1 day

2. 3 women and 18 children together take 2 days to complete a piece of work. How many days will complete the piece of work, if 6 women 9 children alone take to alone can complete the piece of work in 3 days?

[IBPS Clerk 2011]

- (a) 9 (b) 7
(c) 5 (d) 6
(e) None of these

3. A can build up structure in 8 days and Boan break it in 3 days. A has worked for 4 days and then B joined to work with A for another 2 days. In how many days will A alone build up the remaining part of the structure?

(SBI Clerk (Mains) 2016)

- (a) 10 (b) 9
(c) 12 (d) 8
(e) 7

4. 16 men and 10 women together can complete a project in 10 days. If 12 women can complete the project in 25 days, in how many days 10 men complete the same project?

(IBPS SO 2016)

- (a) 28 days (b) 24 days
(c) 18 days (d) 26 days
(e) 10 days

5. The efficiency of P is twice that of Q, whereas the efficiency of P and Q together is three times that of R. If P, Q and R work together on a job, in what ratio should they share their earnings?

(CDS 2015 (I))

- (a) 2 : 1 : 1 (b) 4 : 2 : 1
(c) 4 : 3 : 2 (d) 4 : 2 : 3

6. P and Q together can do a job in 6 days. Q and R can finish the same job in 60/7 days. P started the work and worked for 3 days. Q and R continued for 6 days. Then, the difference of days in which R and P can complete the job, is

[SSC CGL 2015]

- (a) 15 (b) 10
(c) 8 (d) 12

7. 6 men can do a piece of work in 12 days while 8 women can do the same work in 18 days. The same work can be done by 18 children in 10 days. 4 men, 12 women and 20 children work together for 2 days. If only



men have to complete remaining work in 1 day. then find the required number of men.

[Bank PO 2010]

(a) 36

(b) 24

(c) 18

(d) Cannot be determined

(e) None of these

8. A can do 50% more work than B in the same time. B alone can do a piece of work in 30 h. B starts working and had already worked for 12 h, when A joins him. How many hours should B and A work remaining work? to complete the [CDS 2016 (II)]

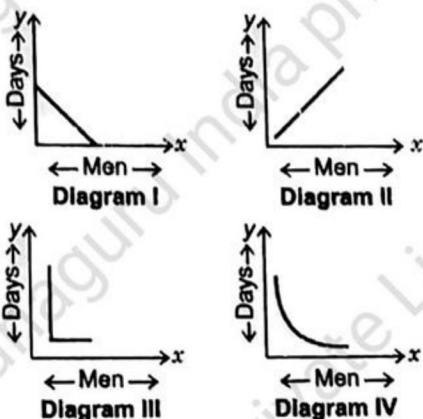
(a) 6h

(b) 12 h

(c) 4.8 h

(d) 7.2 h

9. Consider the following diagrams x men, working at constant speed, do a certain job in y days.



Which one of these diagrams shows the relation between and of

(UPSC CSAT 2013)

(a) Diagram I

(b) Diagram II

(c) Diagram III

(d) Diagram IV

10. 18 men can complete a piece of work in 24 days and 12 women can complete the same piece of work in 32 days. 18 men start working and after few days, 4 men leave the job and 8 women join. If the remaining work is completed in $15\frac{15}{23}$ days, after how many days did the 723 four men leave?

[NICL AO 2015]

(a) 8

(b) 5

(c) 6

(d) 4

(e) 2

11. The work done by a woman in 8h is equal to the work done by a man in 6h and by a boy in 12 h. If working 6h per day, 9 men can complete a work in 6 days, then in how many days 12 women, 12 men and 12 boys together finish the same work working 8 h per day?

[FCI Asist. Grade 2015]

(a) $1\frac{1}{3}$

(b) $3\frac{2}{3}$

(c) $1\frac{1}{2}$

(d) None of these

12. 18 women complete a project in 24 days and 24 men complete the same project in 15 days. 16 women worked for 3 days and then they left. 20 men work for



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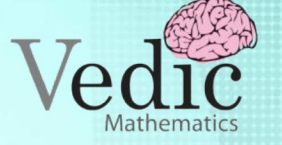
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next 2 days and then they are joined by 16 women. In how many days will they complete the remaining work?

[IBPS Clerk (Mains) 2017]

(a) $6\frac{1}{5}$
(c) $5\frac{2}{5}$

(b) $7\frac{3}{5}$
(d) $9\frac{1}{5}$

(e) Other than those given as options

13. Time taken by A alone to finish a piece of work is 60% more than that taken by A and B together to finish the same piece of work. C is twice as efficient as B. If B and C together can complete the same piece of work in $13\frac{1}{3}$ days, in how many days can A alone finish the same piece of work?

[SBI PO (Pre) 2017]

(a) 36

(b) 24

(c) 16

(d) 28

(e) Other than those given as options

