1 . A can do a piece of work in 20 days and B can do the same piece of work in 30 days. Find in how many days both can do the work?

1) 16 days 2) 14 days 3) 10 days 4) 12 day

2. A can do a piece of work in 14 days and B can do the same piece of work in 21 days. Find in how many days both can do the work?

1) 10 ⅜ days 2)8 ⅖days 3) 8 $^{5}/_{7}$days 4)10 ⅜ days

3. A can do a piece of work in 25 days and B can do the same work in 30 days. They work together for 5 days, how much of work is left ?

1) $^{11}/_{30}$ 2) $^{15}/_{30}$ 3) $^{19}/_{30}$ 4) $^{12}/_{30}$

4. A can do a work in 36 days and B in 32 days. If they work on it together for 12 days, then what fraction of work is left?

1) $^{7}/_{24}$ 2) $^{9}/_{32}$ 3) $^{11}/_{36}$ 4) $^{14}/_{72}$

5. A can complete 50% of a job in 9 days and B can complete 25% of the job in 9 days if they worked alone. If they worked together how much of the job (in %) can they complete in 9 days?

1) 80 2) 90 3) 75 4) 100

6. A can do ⅞ of work in 28 days, B can do ⅝ of the same work in 20 days.The number of days they will Take to complete if they do it together is?

1) $15\ ^{3}/_{7}$ days 2) $17\ ^{3}/_{5}$ days 3)$14\ ^{5}/_{7}$ 4) $13\ ^{5}/_{7}$ days

7. A can do 50% of the job in 16 days, B can do 1/4th of the job in 24 days. In how many days can they do 3/4th of the job working together?

1) 24 2)9 3) 21 4) 18

8. A and B together can do a piece of work in 6 days. If A can alone do the work in 18 days, then the number of days required for B to finish the work is?

1) 10 days 2) 12 days 3) 9 days 4) 15 days

9. Raj and Ram working together do a piece of work in 10 days. Raj alone can do it in 12 days. Ram alone will do the work in?

1) 20 days 2) 40 days 3) 50 days 4) 60 days

10. A, B and C can respectively complete a piece of work in 20, 24days and 36 days respectively. How many days will they take to complete the work, if they work together?

1) $8^{16}/_{43}$ days 2) $6\frac{1}{4}$ days 3) $9\frac{1}{4}$ days 4) $7^{19}/_{20}$ days

11. P can do ¼th of work in 10 days, Q can do 40% of work in 40 days and R can do ⅓rd of the work in 13 days. Who will complete the work first?

1) P 2) Q 3) R 4) Both P and R

12. Working together A, B and C can complete a task in 12 days. A and B can do the task in 55 days and 66 days respectively if they worked alone. In how many days can C do the task if he worked alone?

1) 22 2) 44 3) 20 4) 40

13. A can do 2/5 of a work in 12 days while B can do (66 2/3)% of the same work in 16 days. They work together for 10 days. B alone will complete the remaining work in?

1)6 2) 8 3) 4 4)9

14. A can do 1/2 of a piece of work in 5 days, B can do ⅗ of the same work in 9 days and C can do ⅔ work in 8 days. In how many days can three of them together do the work?

1) 3 days 2) 5 days 3) 4 ½ days 4) 4 days

15. A can do a piece of work in 4 hours. A and C together can do it in just 2 hours, while B and C together need 3 hours to finish the same work. B alone can complete the work in how many hours?

1) 12 hours 2) 6 hours 3) 8 hours 4) 10 hours

16. A and B can do a piece of work in 72 days. B and C can do it in 120 days, A and C can do it in 90 days.In how many days all the three together can do the work?

1) 80 days 2) 100 days 3) 60 days 4) 150 days

17. A and B working together, can do a piece of work in 4½ hours. B and C working together can do it in 3 hours. C and A working together can do it in 2 ¼ hours. All of them begin the work at the same time. Find how much time they will take to finish the piece of work?

1) 3 hours 2) 2 hours 3) 2.5 hours 4) 3.25 hours

18. A and B together can complete a work in 8 days and B and C together in 12 days. All of the three together can complete the work in 6 days. In how much time will A and C together complete the work?

1) 8 days 2) 10 days 3) 12 days 4) 20 days

19. A and B can do a piece of work in 12 days, B and C can do it in 15 days and C and A can do it in 20 days. Then the number of days required for A to complete this work is?

1) 30 2) 35 3) 25 4) 40

20. A piece of work can be completed by A, B and C individually in 12, 8 and 6 hours respectively. All the three worked for two hours at which point of time C left the work. The time (in minutes) taken by the other two to complete the work is?

1) 12 2) 24 3) 62 4) 72

21. A can do one-third of a work in 15days, B can do 75% of the same work in 18days and C can do the same work in 36days. B and C work together for 8 days. In how many days will A alone complete the remaining work?

1) 24 days 2) 16 days 3) 18 days 4) 20 days

22. To do a certain work, the ratio of the efficiencies of X and Y is 5:4. Working together, they can complete the same work in 10 days. Y alone starts the work and leaves after 5 days. The remaining work will be completed by X alone in?

1) 12 days 2) 14 days 3) 10 days 4) 15 days

23. A is twice as efficient as B and together they can finish a work in 18 days. A alone can finish the work in?

1) 27 days 2) 54 days 3) 36 days 4) 45 days

24. A can do a piece of work in 70 days and B is 40% more efficient than A. Then the number of days taken by B to do the same work is?

1) 40 days 2) 60 days 3) 50 days 4) 45 days

25.Twenty women together can complete a piece of work in 16 days, 16 men together can complete the same work in 15 days. The ratio of the working capacity of a man to that of a woman is?

1) 3:4 2) 4:3 3) 5:3 4) 4:5

26. If I3 men or 4 women can do a piece of work in 43 days, how long will 7 men and 5 women take to do the Same work?

1) 10 days 2) 11 days 3) 9 days 4) 12 days

27. A field can be reaped by 12 men or 18 women in 14 days. In how many days can 8 men and 16 women reap it?

1) 26 days 2) 24 days 3) 9 days 4) 8 days

28. If 2 men or 6 women or 4 boys can finish a work in 99 days, then how many days will one man, one woman and one boy together take to finish the same work?

1) 54days 2) 64 days 3) 108 days 4) 104 days