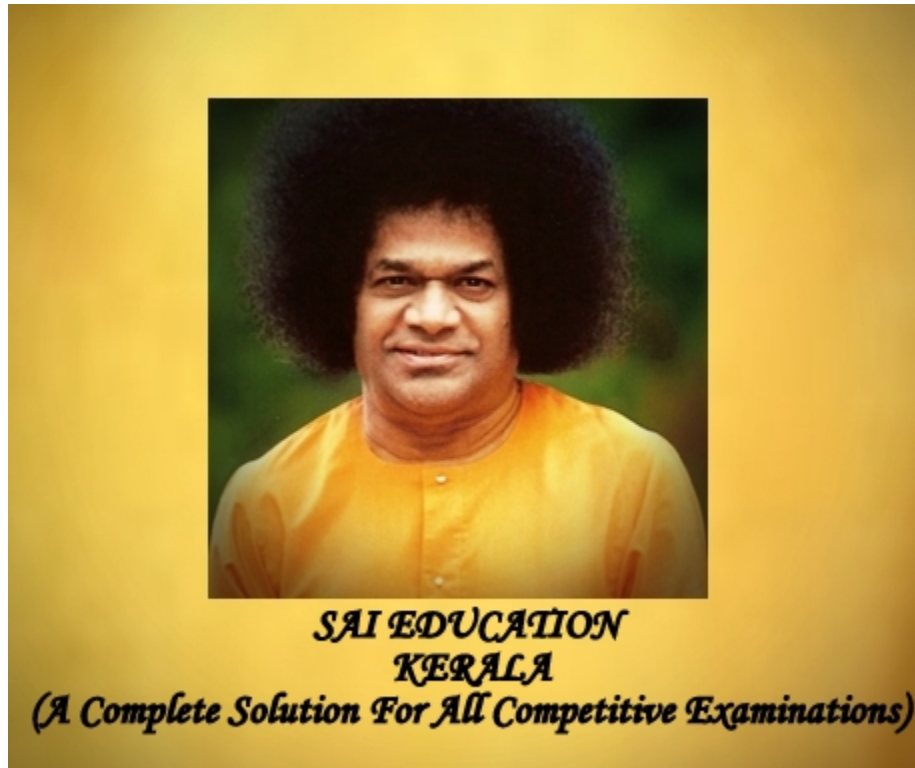


# 100 days online coaching day 34 (20-04-2019) Saturday

Maths- time and work



Name of the candidate \*

Mentor 5

Please watch the online video:

<https://youtu.be/VRqIaRMUUDs>  
<https://youtu.be/D806LmCL1LY>  
<https://youtu.be/5R94ciL-Kz0>

1. A can do a piece of work in 15 days and B can do the same in 10 days. How long will they take to finish the work together? 1 point

5 days

3 days

4 days

6 days

2. A and B together can do a piece of work in 6 days and A alone can do it in 10 days, how many days can B alone do it? 1 point

10 days

15 days

30 days

20 days

3. P can do a work in 15 days and Q can do the same in 60 days. How long will they take to finish the work together? 1 point

8 days

10 days

11 days

12 days

4. P, Q and R can complete a piece of work in 8, 12, and 24 days respectively. How many days will required to complete the same work, if they work together?

1 point

2 days

3 days

4 days

6 days

5. A ,B and C can complete a work in 9, 12, 18 days respectively. How many days will require to complete the same work if they work together?

1 point

2 days

3 days

4 days

8 days

6. A ,B and C together can complete a work in 30 minutes. If A and B together do the same work in 80 minutes. Then how many time required for C alone to complete the work?

1 point

3 minutes

80 minutes

50 minutes

48 minutes

7. If A and B can do a piece of work in 12 days, B and C in 15 days and C and A in 20 days, how long would it take them to do the same work separately? 1 point

- 30 days, 20 days, 60 days
- 20 days, 30 days, 60 days
- 10 days, 20 days, 30 days
- 20 days, 10 days, 30 days

8. If P and Q can do a piece of work in 10 days, Q and R in 12 days and P and R in 15 days. Then how many time required to complete the same work together? 1 point

- 8 days
- 4 days
- 6.5 days
- 7.5 days

9. 25 persons complete a work in 35 days. Then 7 persons complete the same work in how many days 1 point

- 100 days
- 152 days
- 125 days
- 135 days

10. 40 persons complete a work in 24 days by working 9 hours per day. Then how many days will take 6 persons to do the same work by working 8 hours per day?

1 point

- 180 days
- 120 days
- 182 days
- 160 days

11. 30 persons built a road of 300m within 32 days by working 5 hours per day. Then how many days will take to complete 100m road by 20 persons working 8 hours per day?

1 point

- 15 days
- 10 days
- 5 days
- 20 days

12. 2 boys or 4 girls complete a work in 28 days. Then how many days will take to complete the same work by 4 boys and 8 girls

1 point

- 10 days
- 12 days
- 18 days
- 7 days

13. 7 men can complete a work in 12 days. How many additional men needed to complete the double work in 8 days?

1 point

21

7

4

14

14. 3 men or 5 women can do a work in 12 days. Then how long 6 men and 5 women needed to complete the work?

1 point

4

2

6

7

15. P, Q and R dine their work in 12, 18, 30 days respectively. Then their salaries will be in the ratio

1 point

30:20:12

10:8:5

15:10:6

None

16. If 3 men or 6 women can do a piece of work in 16 days. In how many days can 12 men and 8 women do the same piece of work?

1 point

2 days

1 day

3 days

4 days

17. A can do a work in 10 days, B can do the same in 15 days, B alone done the work for first 3 days and left it. Then the remaining work done by A alone. How many days will be taken by both A and B?

1 point

30

3

8

11

18. A can do a work in 20 days and B can do the same in 30 days. A done the job alone for 15 days, and then join B with A. Then total days taken for complete the total work?

1 point

20 days

18 days

22 days

16 days

19. A can do a work in 25 days and B can in 20 days. A and B work together for 5 days, after A left the work. Then how many days will take to complete the remaining work by B alone?

1 point

- 4
- 5
- 10
- 11

20. Raj can do a piece of work in 5 hours. Hari and siva can do the work in 3 hours, raj and siva can do it in 4 hours. Then how long will hari take to do it?

1 point

- 1.5
- 2.
- 3.5
- 2.5

21. If 12 men or 18 women can do a work in 14 days. In howmany days can 8 men and 16 women do the same work?

1 point

- 6
- 8
- 9
- 7



22. 6 male and 8 boys can do a job in 10 days, same job 26 males and 48 boys in 2 days. Then how many days will take to complete the same work by 15 male and 20 boys?

1 point

4 days

2 days

1 day

6 days

23. If 3 men or 2 women or 4 boys can do a work in 20 days. In how many days can 2 men ,1 woman and 2 boys do the same work?

1 point

10 days

21 days

12 days

6 days

24. Raju and tom together can do a work in 10 days, tom and appu together can do it in 12 days, appu and raju in 15 days. In how many days will they finish it if all the 3 work together?

1 point

6 days

7.5 days

8 days

4 days

25. A and B can together can do a piece of work in 12 days, and A alone can complete the work in 18 days. How long will B alone take to complete the work?

1 point

- 48 days
- 46 days
- 36 days
- 42 days

Thank you



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