

# 108 DAYS ONLINE COACHING-[DAY 49]-(10-04-2020~FRIDAY)

TIME AND WORK



NAME OF THE CANDIDATE \*

M4

PLACE OF THE CANDIDATE \*

PATHANAMTHITTA

WHAT'S APP NO( JOINED IN THE SAI EDN COACHING PLATFORM) \*

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PLEASE WATCH THE ONLINE CLASSES CAREFULLY AND NOTE DOWN IT IN YOUR DIARY BEFORE SENDING THE ANSWERS.

<https://youtu.be/VRqIaRMUUDs>

<https://youtu.be/D806LmCL1LY>

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

1. A can do a work in 15 days and B in 20 days. If they work on it together for 4 days, then the fraction of the work that is left is : \*

1 point

- 1/4
- 1/10
- 7/15
- 8/15

2. A can lay railway track between two given stations in 16 days and B can do the same job in 12 days. With help of C, they did the job in 4 days only. Then, C alone can do the job in \*

1 point

- 9 1/5
- 9 2/5
- 9 3/5
- 10

3. A alone can do a piece of work in 6 days and B alone in 8 days. A and B undertook to do it for Rs. 3200. With the help of C, they completed the work in 3 days. How much is to be paid to C? \*

1 point

- 375 Rs
- 400 Rs
- 600 Rs
- 800 Rs

4. A can do a piece of work in 4 hours; B and C together can do it in 3 hours, while A and C together can do it in 2 hours. How long will B alone take to do it? \*

1 point

- 8 hours
- 10 hours
- 12 hours
- 24 hours

5. A can finish a work in 18 days and B can do the same work in 15 days. B worked for 10 days and left the job. In how many days, A alone can finish the remaining work? \*

1 point

- 6
- 5
- 1/2
- 7

6. A and B can together finish a work 30 days. They worked together for 20 days and then B left. After another 20 days, A finished the remaining work. In how many days A alone can finish the work? \*

1 point

- 40
- 50
- 54
- 60

7. P can complete a work in 12 days working 8 hours a day. Q can complete the same work in 8 days working 10 hours a day. If both P and Q work together, working 8 hours a day, in how many days can they complete the work? \*

1 point

- 5  $\frac{5}{11}$
- 5  $\frac{6}{11}$
- 6  $\frac{5}{11}$
- 6  $\frac{6}{11}$

8. X and Y can do a piece of work in 20 days and 12 days respectively. X started the work alone and then after 4 days Y joined him till the completion of the work. How long did the work last? \*

1 point

- 6
- 10
- 15
- 20

9. 16 men can do a piece of work in 10 days. How many men are needed to complete the work in 40 days? \* 1 point

- 4
- 8
- 6
- 5

10. 40 men can cut 60 trees in 8 hours. If 8 men leave the job, how many trees will be cut in 12 hours? \* 1 point

- 42
- 30
- 16
- 72

11. 5 men can prepare 10 toys in 6 days working 6 hours a day. Then in how many days can 12 men prepare 16 toys working 8 hours a day? \* 1 point

- 2 days
- 3 days
- 4 days
- 5 days

12. A and B can finish a work in 30 days. B and C in 40 days. While C and A in 60 days. 1 point  
How long will they take to finish it together? \*

- 26  $\frac{2}{3}$  days
- 25  $\frac{1}{2}$  days
- 27  $\frac{1}{3}$  days
- 29  $\frac{3}{4}$  days

13. A can do a piece of work in 5 days and B can do the same work in 6 days. How long 1 point  
will they take if both work together? \*

- 2  $\frac{8}{11}$  days
- 2  $\frac{1}{7}$  days
- 2  $\frac{1}{6}$  days
- 2  $\frac{1}{3}$  days

14. If A,B and C can do a same work in 5,6,12 days respectively. If they work together 1 point  
how long will they take to complete the work? \*

- 2  $\frac{1}{6}$  days
- 2  $\frac{1}{7}$  days
- 2  $\frac{2}{9}$  days
- 2  $\frac{1}{5}$  days

15. A and B can do a piece of work in 6 days. A alone can do it in 9 days. In how many days can B alone do it? \* 1 point

- 12
- 15
- 18
- 21

16. A and B can do a work in 45 and 40 days respectively. They began the work together but A left after some time and B finished the same work in 23 days. After how many days did A leave? \* 1 point

- 10 days
- 11 days
- 9 days
- 12 days

17. There are sufficient food for 400 men for 31 days. After 28 days 280 men leave the place. For how many days will the rest of the food last for the rest of the men? \* 1 point

- 10 days
- 11 days
- 9 days
- 12 days

18. A can do a work in 25 days and B can do the same work in 20 days. They work together for 5 days and then A goes away. In how many days will B finish the work? \* 1 point

- 11 days
- 12 days
- 15 days
- 18 days

19. If A can complete a work in 25 days and B can do the same work in 10 days. If A after doing 4 days leaves the work. Find in how many days B will do the remaining work? \* 1 point

- $8 \frac{2}{5}$  days
- $8 \frac{1}{2}$  days
- $6 \frac{1}{3}$  days
- $7 \frac{2}{3}$  days

20. A and B can do a piece of work in 10 days and 20 days respectively. Both starts the work together but A leaves the work 5 days before the completion time. Find the time in which the work is finished? \* 1 point

- 8 days
- 12 days
- 10 days
- 18 days



21. A can do a piece of work in 6 days and B can do the same work in 5 days. The contract for the work is Rs 220. How much shall B get if both of them work together? \*

1 point

- 120 Rs
- 145 Rs
- 110 Rs
- 115 Rs

22. A can do a piece of work in 10 days, and B can do the same work in 20 days. With the help of C, they finished the work in 4 days. C can do the work in how many days, working alone? \*

1 point

- 5
- 10
- 15
- 20

23. A can do a piece of work in 12 days. B can do this work in 16 days. A started the work alone. After how many days should B join him, so that the work is finished in 9 days? \*

1 point

- 2
- 3
- 4
- 5

24. Daku and Tamatar can do a piece of work in 70 and 60 days respectively. They began the work together, but Daku leaves after some days and Tamatar finished the remaining work in 47 days. After how many days did Daku leave? \*

1 point

- 14
- 7
- 21
- 35

25. Prajitha and Joysy can do a piece of work in 12 days . Joysy and Bindhu do the same in 15 days. Prajitha and Bindhu can do it in 20 days. In how many days will these 3 girls together do it? \*

1 point

- 10
- 25
- 13
- 40

**THANK YOU!!!**

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