

# ONLINE COACHING - DAY 45 (27/02/2021 - SATURDAY)

Total points 20/20 ?

Topic : TIME AND WORK

0 of 0 points



Name of the Candidate \*

M5

Place of the candidate \*

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Inrissur

WHATS APP NUMBER (JOINED IN SAI EDUCATION ONLINE COACHING PLATFORM GROUP) \*

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Please watch the following videos and answer the following questions

20 of 20 points

<https://youtu.be/VRqIaRMUUDs>

<https://youtu.be/D806LmCL1LY>

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

✓ 1. A and B can together can do a piece of work in 15 days. B alone can do it in 20 days. In how many days A alone can do it? \* 1/1

65 days

60 days

35 days

50 days



✓ 2. A can do a piece of work in 7 days of 9 hours each and B can do it in 6 days of 7 hours each. How long will they take to do it, working together 8 1/1  
2/5 hours a day? \*

2 days



6 days

3 days

5 days



✓ 3. If 36 men can do a piece of work in 25 Hrs. In how many hours will 15 men can do it? \* 1/1

60 Hrs

120 Hrs

36 Hrs

50 Hrs



✓ 4. If the wages of 6 men for 15 days Rs 2100, Then find the wages of 9 men for 12 days? \* 1/1

3150

2400

3250

2520



✓ 5. An army of 2000 men had enough food for 30 days. After 10 days 500 more men joined them. How long will the food last for them? \* 1/1

18 days

16 days



20 days

24 days

✓ 6. Vinu and Vipul can do a job in 2 days. Vipul and Neethu do the same in  $\frac{1}{15}$  days. Vinu and Neethu can do it in 20 days. How many days will take if these 3 girls together? \*

20 days

10 days

5 days

6 days



✓ 7. A can do a piece of work in 80 days. He works at it for 10 days and then  $\frac{1}{42}$  B alone finishes the remaining work in 42 days. In how much time will A and B working together finish the work? \*

25 days

33 days

30 days

24 days



✓ 8. A is twice as good as workman as B and together they finish a piece of  $\frac{1}{18}$  work in 18 days. In how many days will A alone finish the work? \*

27 days



- 30 days
- 35 days
- 20 days

✓ 9. A can do a certain job in 12 days is 60% more efficient than A. How many days does B alone taken to do the same work? \* 1/1

- 8.5 days
- 8 days
- 7.5 days
- 7 days



✓ 10. X can do  $\frac{1}{4}$  of a work in 10 days. Y can do 40% of the work in 40 days and Z can do  $\frac{1}{3}$  of the work 13 days. who will complete the work first? \*

- Y
- X
- Z
- None



✓ 11. 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? \*

- $\frac{1}{4}$
- $\frac{1}{10}$



7/15

8/15



✓ 12. 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 \*

1/1

9 1/5

9 2/5

9 3/5

10



✓ 13. A, B and C can do a piece of work in 20, 30 and 60 days respectively. In how many days can A do the work if he is assisted by B and C on every third day? \*

1/1

12 days

15 days

16 days

18 days



✓ 14. A is thrice as good as workman as B and therefore is able to finish a job in 60 days less than B. Working together, they can do it in? \*

1/1

20 days



22 1/2 days



25 days

30 days

✓ 15. 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? \*

1/1

Rs. 375

Rs. 400



Rs. 600

Rs. 800

✓ 16. If 6 men and 8 boys can do a piece of work in 10 days while 26 men and 48 boys can do the same in 2 days, the time taken by 15 men and 20 boys in doing the same type of work will be \*

1/1

4 days



5 days

6 days

7 days



✓ 17. 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? \* 1/1

8 hours

10 hours

12 hours

24 hours



✓ 18. A can do a certain work in the same time in which B and C together can do it. If A and B together could do it in 10 days and C alone in 50 days, then B alone could do it in \* 1/1

15 days

20 days

25 days

30 days





✓ 19. A does 80% of a work in 20 days. He then calls in B and they together finish the remaining work in 3 days. How long B alone would take to do the whole work? \*

23 days

37 days

37 1/2 days

40 days



✓ 20. 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? \*

5

5 1/2

6

8



THANK YOU



