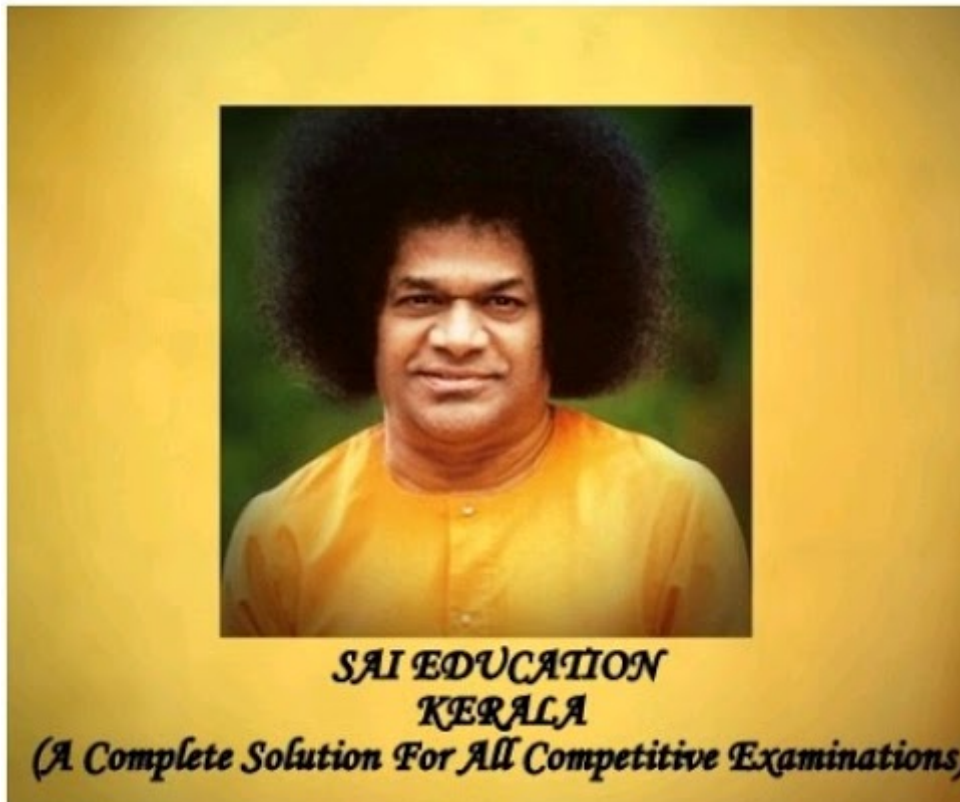# ONLINE COACHING (DAY 38) - 26-04-2019

TIME AND WORK, TANK AND PIPE

NAME OF THE CANDIDATE: *

M4

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

PLEASE WATCH THE ONLINE VIDEOS GIVEN BELOW 🙏

https://youtu.be/e1jxv8TJDuE

TIME & WORK (സമയവും ...

https://youtu.be/t92q8JvObSk

TIME & WORK (സമയവും ...

https://youtu.be/YizAjqzgW34

TANK & PIPES (പേനയും പേ...

1. 4 men and 6 women finish a job in 8 days while 3 men and 7 women finish it in 10 days.In how many day will 10 women finish it?

1 point

○ 20

○ 30

○ 50

◉ 40

2. Two pipes can fill a tank in 20 minutes and 30 minutes respectively.if both pipes are opened simultaneously, then the tank will be filled in

- ( ) 10 minutes
- (●) 12 minutes
- ( ) 15 minutes
- ( ) 25 minutes

3. A job is completed by 10 men in 20 days and by 20 women in 15 days.How many days will it take for 5 men and 10 women to finish that work?

- ( ) 17 1/2
- (●) 17 1/7
- ( ) 17
- ( ) 17 1/120

4. A tank can be filled in 10 hours but it takes 12 hours due to a leak in it's bottom.If the tank is full then the time that the leak take to empty it is

- ( ) 45
- ( ) 72
- (●) 60
- ( ) 75

5. If 24 men completes a work in 18 days working 8 hours a day,in how many days will 36 men complete the same work working 12 hours a day?

- ○ 6
- ◉ 8
- ○ 10
- ○ 12

6. Two taps can fill a tank in 10 and 12 minutes respectively and a third tap can empty it in 15 minutes.If all the 3 taps are opened at the same time,in how much Time the tank will be filled?

- ◉ 60/7 minutes
- ○ 30/7 minutes
- ○ 1/60 minutes
- ○ 7/30 minutes

7. 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

- ○ 1/4
- ○ 1/10
- ○ 7
- ◉ 8/15

8. A tap can empty a tank in one hour.A second tap can empty it in 30 minute.If both taps can operate simultaneously, how much time is needed to empty the tank?

○ 40 min

○ 30 min

◉ 20 min

○ 45 min

9. A and B working together,can do a piece of work in 4 1/2 hours.B and C can do it in 3 hours.C and A working together can do it in 2 1/4 hours.All of them begin the work at the same time.find how much time they will take to finish the piece of work?

○ 3 hours

◉ 2 hours

○ 2.5 hours

○ 3.25 hours

10. If 4 taps can fill a tank in 10 hours.Then how many hours can 6 taps fill the same tank?

○ 2 2/5

○ 6 3/2

○ 15

◉ 6 2/3

11. Pipes A and B can together fill a tank in 6 minutes.A alone can fill the tank in 10 minutes.Then B alone can fill the tank in

- ◯ 7 min

- ◯ 12 min

- ⦿ 15 min

- ◯ 16 min

12. 15 men can do half of a work in 20 days.In how many days will 10 men finish the work?

- ⦿ 60

- ◯ 40

- ◯ 30

- ◯ 28

13. Three pipes can fill a tank in 12 min,15 min,20 min respectively.If all the three pipes are opened simultaneously then the tank will be filled in

- ⦿ 5 min

- ◯ 7 min

- ◯ 8 min

- ◯ 12 min

14. Sreenath will complete a work in 6 days and nandu do the same work in 3 days, and abhi do the same work in 2 days.if three of them starts working together, how many days is needed to complete the work?

- ○ 3/4 day

- ⦿ 1 day

- ○ 1 1/2 day

- ○ 2 day

15. A and B can do a piece of work in 12 days and 15 days respectively.They began to work together but A left after 4 days.In how many more days would B alone complete the remaining work?

- ○ 8

- ○ 12

- ○ 4

- ⦿ 6

16. Two pipes can fill a cistern separately in 10 hours and 15 hours.They can together fill the cistern in

- ⦿ 6 hours

- ○ 7 hours

- ○ 8 hours

- ○ 9 hours

17. 3 women and 18 children together take 2 days to complete a piece of work.How many days will 9 children alone take to complete the piece of work if 6 women alone can complete the piece of work in 3 days?

- ○ 9
- ◉ 6
- ○ 5
- ○ 7

18. A certain number of men complete a piece work in 60 days.If there were 8 men more, the work could be finished in 10 days less.How many men were originally there?

- ○ 20 men
- ○ 30 men
- ◉ 40 men
- ○ 50 men

19. Suresh can complete a job in 15 hours.Ashutosh alone can complete the same work in 10 hours.if Suresh works alone for 9 hours and then stops, how many hours will it take Ashutosh to complete the job alone?

- ◉ 4
- ○ 5
- ○ 6
- ○ 12

20. A can do a piece of work in 15 days.A and B can together do it in 6 days.B alone can do it in how many days?

○ 5

○ 4

○ 12

◉ 10

21. Two pipes A and B can separately fill a tank in 12 min and 15 min respectively.Both the pipes are opened together but 4 minutes after the start, pipe A is turned off.How much time will it take to fill the tank?

○ 11 min

○ 12 min

◉ 6 min

○ 8 min

22.A,B and C can do a piece of work in 12,18, and 30 days respectively. if they do the same work together,at what ratio will they distribute their wages?

○ 20:23:25

○ 9:5:3

○ 3:2:1

◉ 15:10:6

23. 2 men and 4 woman can do a job in 28 days.Then 4 men and 8 women together can do that job in

- ◉ 7 days
- ○ 9 days
- ○ 6 days
- ○ 8 days

24. 3 taps A,B and C can fill an over headed tank in 4,6,&12 hours respectively.How long could 3 pipe take to fill the tank if all the pipes are opened together?

- ○ 3 hours
- ◉ 2 hours
- ○ 5 hours
- ○ 1 hour

25. A water tank can be filled by a tap in 30 minutes and another tap can fill it in 60 minutes.If both taps kept over for 5 mins and then the first tap is closed, how long will it take for the tank to be full?

- ◉ 45 min
- ○ 60 min
- ○ 35 min
- ○ 75 min

THANK YOU!

Google Forms