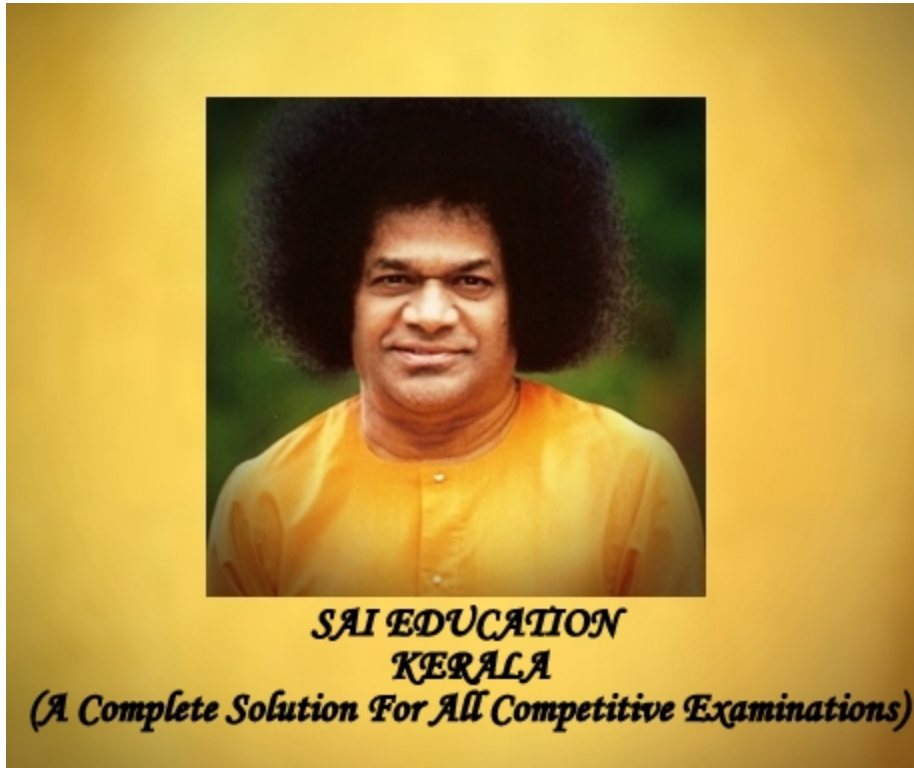# ONLINE COACHING DAY-14 (22.03.2019)

REASONING - CLOCK

Name of the Candidate *

M4

Please watch the online video and answer the following questions...

https://youtu.be/fhX9xOl99x0

1. How many degree a minute hand rotates in 1 hour?   1 point

○ 90

○ 180

◉ 360

○ 30

2. Find the angle between the hour hand and the minute hand of a   1 point
clock when the time is 3.25?

◉ 47.5

○ 57.5

○ 45.5

○ 55.5

3. How much time will it be taken by an hour hand to rotate 1degree?   1 point

○ 1 minute

◉ 2 minutes

○ 3 minutes

○ 5 minutes

4. At what time between 2 and 3 O'clock will the hands of a clock be together?

1 point

- ○ 9 10/11 minutes past 2
- ◉ 10 10/11 minutes past 2
- ○ 11 10/11 minutes past 2
- ○ 12 10/11 minutes past 2

5. The angle traced by hour hand in one minute is _____

1 point

- ○ 1/4 degree
- ○ 1/6 degree
- ◉ 1/2 degree
- ○ 1/60 degree

6. What is the mirror image of the time 8.25 in a clock?

1 point

- ○ 2.35
- ○ 3.30
- ○ 4.35
- ◉ 3.35

7. When the minute & hour hands of a clock shows 7 o'clck , the angle between them is _____

1 point

- ○ 90 degree
- ○ 130 degree
- ● 150 degree
- ○ 120 degree

8. At what time between 4 & 5 o'clock, minute and hour hands are coincide?

1 point

- ● 21 9/11 min past 4
- ○ 21 3/11 min past 4
- ○ 21 9/11 min past 5
- ○ 21 3/11 min past 5

9. When the mirror image shows 8.30, the exact time is _____

1 point

- ○ 2.15
- ○ 2.30
- ● 3.30
- ○ 3.15

10. 1f a clock takes 18 seconds to strike 10, how long it will take to strike 5? — 1 point

○ 9 sec

◉ 8 sec

○ 10 sec

○ 12 sec

11. In every 60 minutes, the minute hand gains _____ minutes on the hour hand. — 1 point

○ 53

○ 54

◉ 55

○ 56

12. The angle traced by hour hand in 24hours is _____ — 1 point

○ 360 degree

○ 540 degree

○ 180 degree

◉ 720 degree

13. A clock take 14 seconds to strike 8, how many seconds will it take to strike 4?

- ○ 7
- ● 6
- ○ 5
- ○ 8

14. How many times do the hands of a clock coincide in a day?

- ○ 20
- ○ 21
- ● 22
- ○ 23

15. The angle traced by minute hand in 1 minute is _____

- ○ 5 degree
- ○ 8 degree
- ● 6 degree
- ○ 1/2 degree

16. The time in a clock is 11.30. What will be the time shown in the mirror image? 1 point

○ 11.40

● 12.30

○ 12.40

○ 11.50

17. At what time between 4 & 5 o'clock, the two hands at right angle? 1 point

● 38 2/11 min past 4

○ 31 2/13 min past 4

○ 35 1/11 min past 5

○ 32 2/13 min past 5

18. At what angle the hands of a clock are inclined at 15 min past 5? 1 point

○ 57.5 degree

● 67.5 degree

○ 77.5 degree

○ 87.5 degree

19. At what time between 9 & 10 o' clock will the hands of a clock be in opposite direction?

○ 54 4/11 min past 9

○ 38 8/11 min past 9

◉ 16 4/11 min past 9

○ 54 4/11 min past 10

20. How many times in a day the hands of a clock be in a opposite direction?

○ 20

○ 23

◉ 22

○ 24

21. Find at what time between 8 & 9 o'clock will the hands of a clock be in the same straight line but not together?

○ 100/11 min past 8

◉ 120/11 min past 8

○ 90/11 min past 8

○ 80/11 min past 8

22. How many times do the hands of a clock will be in right angle? 1 point

◉ 44

○ 40

○ 48

○ 28

23. An accurate clock shows 8 o'clock in the morning. Through how many degrees will the hour hand rotate when the clock shows 2 o'clock in the afternoon? 1 point

○ 360

◉ 180

○ 90

○ 60

24. At what time between 4 & 5 o'clock, the minute hand and the hour hand are at opposite direction? 1 point

○ 54 6/11 min past 5

◉ 54 6/11 min past 4

○ 21 9/11 min past 4

○ 21 9/11 min past 5

25. The reflex angle between the hands of a clock at 10.25 is _____

- ⦿ 197 1/2 degree
- ◯ 167 1/2 degree
- ◯ 157 1/2 degree
- ◯ 187 1/2 degree

Thank you!!!💐