

# 108 DAYS ONLINE COACHING DAY(28) -20/08/2020 THURSDAY

CLOCK



Name of the candidate \*

M3

Place of the candidate \*

Thiruvananthapuram

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

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Please watch the following videos and answer the following questions

<https://youtu.be/fhX9xOI99x0>

1. At what time between 4 and 5 o'clock will the hands of a watch point in opposite directions? \*

1 point

- A) 54 past 4
- B)  $(53 + \frac{7}{11})$  past 4
- C)  $(54 + \frac{8}{11})$  past 4
- D)  $(54 + \frac{6}{11})$  past 4

2. At what time between 2 and 3 o'clock will the hands of a clock be together? \*

1 point

- A)  $(9 + \frac{10}{11})$  min past 2
- B)  $(10 + \frac{10}{11})$  min past 2
- C)  $(11 + \frac{10}{11})$  min past 2
- D)  $(12 + \frac{10}{11})$  min past 2

3. Find the angle between the hour hand and the minute hand of a clock when the time is 3.25 \* 1 point

- A) 47.5 degrees
- B) 57.5 degrees
- C) 45.5 degrees
- D) 55.5 degrees

4. At what time between 7 and 8 o'clock will the hands of a clock be in the same straight line but, not together? \* 1 point

- A)  $(5 + \frac{5}{11})$  min past 7
- B)  $(6 + \frac{5}{11})$  min past 7
- C) 7
- D) 8

5. Find at what time between 8 and 9 o'clock will the hands of a clock be in the same straight line but not together? \* 1 point

- A)  $\frac{100}{11}$  min past 8
- B)  $\frac{120}{11}$  min past 8
- C)  $\frac{90}{11}$  min past 8
- D)  $\frac{80}{11}$  min past 8

6. At what time between 5.30 and 6 will the hands of a clock be at right angles? \*

1 point

- A)  $(43 + \frac{5}{11})$  min past 5
- B)  $(43 + \frac{7}{11})$  min past 5
- C) 5
- D) 7

7. At what angle the hands of a clock are inclined at 15 minutes past 5? \*

1 point

- A) 57.5 degrees
- B) 67.5 degrees
- C) 77.5 degrees
- D) 87.5 degrees

8. The angle between the minute hand and the hour hand of a clock when the time is 8:30 1 point

\*

- A) 80 Degrees
- B) 75 Degrees
- C) 60 Degrees
- D) 105 Degrees

9. At what time between 9 and 10 o'clock will the hands of a watch be together? \*

1 point

- A)  $(49 + \frac{3}{11})$  min past 11
- B)  $(49 + \frac{1}{11})$  min past 9
- C)  $(45 + \frac{1}{11})$  min past 9
- D)  $(45 + \frac{7}{11})$  min past 11

10. How many times in a day, are the hands of a clock in straight line but opposite in direction? \*

1 point

- A. 20
- B. 22
- C. 24
- D. 48

11. How many times do the hands of a clock coincide in a day? \*

1 point

- A. 20
- B. 21
- C. 22
- D. 24

12. How many times in a day, the hands of a clock are straight? \*

1 point

- A. 22
- B. 24
- C. 44
- D. 48

13. ഒരു ക്ലോക്ക് 12.15 മണി എന്നു സമയം കാണിക്കുമ്പോൾ മിനുറ്റ് സൂചിയും മണിക്കൂർ സൂചിയും തമ്മിലുള്ള കോണളവ് എത്ര \*

1 point

- 82.5°
- 83°
- 90°
- 82°

14. ഒരു ക്ലോക്കിലെ സമയം 4:00 മണിയാണ് . ഒരു കണ്ണാടിയിൽ അതിന്റെ പ്രതിബിംബം കാണിക്കുന്ന സമയം എത്ര \*

1 point

- 8 മണി
- 7 മണി
- 10 മണി
- 9 മണി

15. If the time in a clock is 9:40 ,what will be the time in the reflection of the clock in a mirror \* 1 point

- 3:20
- 2:20
- 12:10
- 4:20

16.If the time in a clock is 9:30,what is the angle measure between the two hands \* 1 point

- $80^\circ$
- $100^\circ$
- $105^\circ$
- $110^\circ$

17.If the time looks to be 4:40 in a mirror opposite a clock,what is the real time in the clock? \* 1 point

- 2:20
- 8:20
- 7:20
- 3:20

18.The first among three clocks is behind the second clock by 10 minutes.The third clock is 25 minutes ahead of the first clock.When the time is 10 o' clock what will be the time in the second clock \*

- 9:25
- 9:35
- 9:45
- 9:30

19.The time in a clock is 11:20 ,what will be its reflection \*

1 point

- 12:40
- 1:40
- 2:40
- 11:40

20. 4മണിക്കൂറും 5 മണിക്കൂറും ഇടയിൽ മിനുട്ടും മണിക്കൂർ സൂചിയും ഒന്നിക്കുന്നതെപ്പോൾ \*

1 point

- 60/11
- 4/11
- 240/11
- 20/60



21. Jaggu set an alarm on his clock for Monday 11 am. He set his clock correctly on Sunday 1 am. He was unaware that the clock gains 20 min every 24 hours. When his alarm went off what was the actual time? \*

- a. 28 minutes 20 seconds before 10 am
- b. 28 minutes 20 seconds past 11 am
- c. 31 minutes 40 seconds past 11 am
- d. 31 minutes 40 seconds past 10 am

22. Ramesh sets his grandfather's clock to the right time at 2.00 am on Thursday. But he didn't know that the clock gains 20s for every 3 hours. What will the clock indicate on Friday night 6.30 pm? \*

- a. 6.32.00 pm
- b. 6.32.46 pm
- c. 6.38.56 pm
- d. 6.34.30 pm

23. How much does a watch gain or lose per day, if its hands coincide every 64 minutes? 1 point

\*

- a. Gain 92 min
- b. Lose 9 min
- c. Lose 34 (5/11) min
- d. Lose 32 (8/11) min

24. At what time between 7.02 and 8.02 will the hands of a watch be in the straight line but not together? 1 point

\*

- a. 5 (3/11) min past 7
- b. 5 (5/11) min past 7
- c. 5 (3/11) min past 7
- d. 43 min past 7

25. At what time between 4 and 4.59 will the hands of a watch point in opposite directions? 1 point

\*

- 45 min. past 4
- 40 min. past 4
- 50 (4/11) min. past 4
- 54 (6/11) past 4

Thankyou....

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