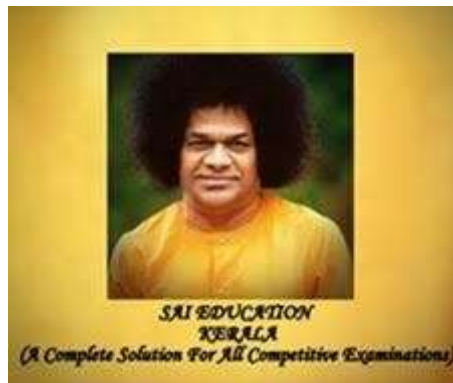


108 DAYS ONLINE COACHING FOR MISSION 2020, DAY [97],02/12/2020, WEDNESDAY

PHYSICS



NAME OF THE CANDIDATE *

M2

PLACE OF THE CANDIDATE *

Kannur

WHAT'S APP NUMBER (JOINED IN SAI EDUCATION ONLINE COACHING PLATFORM) *

454

QUESTIONS

PLEASE WATCH THE ONLINE CLASSES CAREFULLY AND ANSWER THE FOLLOWING QUESTIONS

https://youtu.be/luxHtoX_DUK

<https://youtu.be/l6uQKZiULY>

<https://youtu.be/Z5z8Gs8-ekQ>

1. Which glasses or lens are used to correct the short sighted eye defect? *

1 point

- (a) Concave Lens
- (b) Convex Lens
- (c) Bipolar Lens
- (d) None of the above

2. In projectors which lenses are used? *

1 point

- (a) Convex lens
- (b) Concave lens
- (c) Bipolar lens
- (d) Both (a) and (b)

3. The persistence of vision for human eye is- *

1 point

- A. 1/10th of a sec
- B. 1/16th of a sec
- C. 1/6th of a sec
- D. 1/18th of a sec

4. Who explain the phenomenon of photoelectric effect ? *

1 point

- Henrich Hertz
- Archemedes
- Albert Einstein
- Issac Newton

5. Sound travels faster in ----- . *

1 point

- solid
- liquid
- gas
- plasma

6. Audible frequency of human ear is ----- . *

1 point

- 60-20000 Hz
- above 20000 Hz
- 20-20,000 Hz
- less than 20 Hz

7.Rhinoceros,elephants ,whales are communicating using which sound?

1 point

- infrasonic sounds
- ultrasonic sounds
- super sonic sounds
- both a and b

8.What is the minimum distance for an echo? *

1 point

- 15 m
- 13 m
- 17 m
- 19 m

9.Persistence of audibility of human ear is -----. *

1 point

- 1/16 s
- 1/10 s
- 5/16 s
- 5/10 s

10. 1 mach number =-----m/s *

1 point

- 380
- 240
- 340
- 260

11. Which device is used to get picture of the object at the bottom of the sea? *

1 point

- Barometer
- Sonar
- Fathometer
- Altimeter

12. Permissible limit of sound in hospital areas is -----.*

1 point

- 30 dB
- 40 dB
- 60 dB
- 90 dB

13.The CGS unit of force is -----.*

1 point

- Newton
- Kg/m
- M/Kg
- Dyne

14.Which of the following is correct for static friction and kinetic friction? *

1 point

- SF = KF
- SF > KF
- SF < KF
- SF \leq KF

15.Density of water is maximum at which temperature? *

1 point

- 40 degree celsius
- 4 degree celsius
- 0 degree celsius
- 37 degree celsius

16.Which of the following is highest density liquid? *

1 point

- water
- honey
- alcohol
- juice

17.Which of the following phenomenon causes raindrops to roll? *

1 point

- Relative density
- Capillarity
- Viscous force
- Surface tension

18.What is the acceleration due to gravity in the center of the earth? *

1 point

- 9.8
- 2.38
- 0
- 11.2

19.Which of the following is the weakest force in the earth? *

1 point

- centrifugal force
- centripetal force
- cohesive force
- gravitational force

20.Force of attraction between unlike molecules is *

1 point

- adhesive force
- cohesive force
- viscous force
- capillarity

21.Escape velocity of earth is -----.*

1 point

- 1.12m/s
- 11.2 m/s
- 2.38 m/s
- 23.8 m/s

22. Who discovered centripetal force ? *

1 point

- Thomas Alwa Edison
- Albert Einstein
- Archemedes
- Issac Newton

23. Which device is used to measure relative density? *

1 point

- Barometer
- Hypometer
- Hygrometer
- Hydrometer

24. Sudden fall in barometre indicates ----- . *

1 point

- calm climate
- storm
- rain
- snow

25. Which of the following is the cause of the phenomenon blotting paper quickly absorb ink & brick quickly absorbs water? *

1 point

- capillarity
- adhesion
- cohesion
- viscosity

THANK YOU

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