

# 108 DAYS ONLINE COACHING, DAY(67), 27/11/2019, WEDNESDAY

PHYSICS



NAME OF THE CANDIDATE \*

M2

PLACE OF THE CANDIDATE \*

Kannur

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

111

## QUESTIONS

PLEASE WATCH THE ONLINE CLASSES AND ANSWER THE FOLLOWING QUESTIONS



[https://youtu.be/luxHtoX\\_DUK](https://youtu.be/luxHtoX_DUK)

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

<https://youtu.be/lt6uQKZiULY>

1. Which one among the following is used to make periscope? \*

1 point

- Concave lens
- Plane mirror
- Concave mirror
- Convex mirror

2. Which one among the following is used in solar cooker? 1 point

\*

- Concave mirror
- Convex mirror
- Concave lens
- Convex lens

3. Which one among the following is used to correct short site? \* 1 point

- Concave lens
- Concave mirror
- Convex lens
- Convex mirror
- Other: .....

4. What is the SI unit of power of lens? \* 1 point

- Joule
- Ampere
- Dioptre
- Newton

5. Who discovered photoelectric effect? \* 1 point

- Henrich Hertz
- Albert Eienstein
- Issac Newton
- Rutherford

6. Study of sounds is known as \_\_\_\_\_.\*

1 point

- Optics
- Astronomy
- Acoustics
- Kinematics

7. Sound travel faster in \_\_\_\_\_.\*

1 point

- Water
- Solid
- Air
- Viscous fluid

8. Audible frequency of human ear is \*.

1 point

- 20-20000Hz
- 20-2000Hz
- 2-2000Hz
- None of these

9. Echo and reverberation are due to \_\_\_\_\_.\*

1 point

- Reflection of light
- Reflection of sound
- Both a& b
- No of these

10. What is the minimum distance required to hear an echo? \*

1 point

- 15m
- 16m
- 17m
- 18m

11. Speed of supersonic plane is measured in \*

1 point

- Mach number
- Kilometer
- Miles
- None of these

12. Who discovered Doppler effect? \*

1 point

- Albert Einstein
- Christian Hygiens
- Henrich Hertz
- Christian Doppler

13. Device used to measure depth of sea is \_\_\_\_\_. \*

1 point

- Sonar
- Fathometre
- Perimetre
- Telescope

14. Device used to get picture of the object at the bottom of the sea is \_\_\_\_\_. \*

1 point

- Fathometre
- Telescope
- Sonar
- None of these

15. What is the permissible limit of sound in hospital areas? \*

1 point

- 90dB
- 120dB
- 40dB
- 50dB

16. How much intensity of sound causes ear damage? \*

1 point

- 50dB
- 80dB
- 100dB
- 120dB

17. The CGS unit of force is \_\_ \*

1 point

- Newton
- Joule
- Dyne
- Kgm/s<sup>2</sup>

18. What are the substances used to reduce friction? \*

1 point

- Lubricants
- Carbon
- Rubber
- All of these

19. Which of the following is a lubricant? \*

1 point

- Oil
- Water
- Greece
- All of these

20. Which of the following is correct about static friction and kinetic friction? \*

1 point

- $SF=KF$
- $SF>KF$
- $SF<KF$
- $SF\geq KF$



21. Density of water is maximum at which temperature? \* 1 point

- 4°C
- 37°C
- 0°C
- 40°C

22. What does the rapidly falling barometric pressure indicate? \* 1 point

- Storm
- Calm climate
- Raining
- None of these

23. Escape velocity of earth is \_\_\_\_\_. \* 1 point

- 2.38km/s
- 11.2km/s
- 12.1km/s
- 3.28km/s

24. Weight of a body at centre of earth is \*

1 point

- Zero
- Maximum
- Minimum
- Either a or b

25. Force of attraction between like molecules is known as \*

1 point

- Adhesive force
- Centripetal force
- Cohesive force
- Centrifugal force.

THANK YOU 

This content is neither created nor endorsed by Google.

Google Forms