
108 DAYS ONLINE COACHING- DAY 39 - (18-10-2019)

PHYSICS



NAME OF THE CANDIDATE *

M4

PLACE OF THE CANDIDATE *

PATHANAMTHITTA

WHAT'S APP NO (JOINED IN THE SAI EDUCATION COACHING
PLATFORM) *

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PLEASE WATCH THE ONLINE CLASSES CAREFULLY AND NOTE DOWN IT IN

YOUR DAIRY BEFORE SENDING THE ANSWERS.

<https://youtu.be/g2YN9JZeld4>

<https://youtu.be/hqptmVr5e0o>

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1. Anything that possess weight and occupies space is called * 1 point

- Matter
- Mass
- Volume
- Atom

2. Mainly units are classified into * 1 point

- 3 types
- 4 types
- 2 types
- 5 types

3. Who discovered X-rays? * 1 point

- Faraday
- Roentgen
- Curie
- Hertz

4. Unit of luminous intensity? *

1 point

- kilogram
- metre
- second
- candela

5. What is the symbol used to represent SI unit for amount of substance? *

1 point

- mol
- mole
- A
- M

6. Which of the following is/are scalar quantities? *

1 point

- mass
- speed
- work
- all of the above

7. What is the SI unit for electric current? *

1 point

- kelvin
- slug
- ampere
- barn

8. Study of causes and changes in motion ? *

1 point

- dynamics
- optics
- kinematics
- none of the above

9. Revolution of earth around sun is an example of *

1 point

- linear motion
- circular motion
- rotation
- oscillatory motion

10. Freely falling apple is an example of *

1 point

- circular motion
- oscillatory motion
- periodic motion
- linear motion

11. Rate of change of displacement is called *

1 point

- Distance
- None of these
- Projectile
- velocity

12. A projectile motion reaches its maximum range when the angle of projection is *

1 point

- 45 degree
- 60 degree
- 30 degree
- 90 degree

13. Path of projectile is called *

1 point

- circular
- trajectory
- linear
- none of these

14. Shortest distance between initial and final position *

1 point

- Distance
- Displacement
- Acceleration
- Velocity

15. Rate of change of velocity is called *

1 point

- Distance
- Displacement
- Acceleration
- None of these

16. Pendulum of a clock is an example of *

1 point

- Linear motion
- Circular motion
- Rotation
- Periodic motion

17. Law of Inertia was discovered by *

1 point

- Roentgen
- Newton
- Gallileo
- Einstein

18. Recoil of a gun and Motion of a rocket are examples of *

1 point

- First law of motion
- Second law of motion
- Third law of motion
- Circular motion

19. Speed of light through vacuum is *

1 point

- 3×10^8 m/s
- 2×10^8 m/s
- 3×10^{10} m/s
- 5×10^8 m/s

20. Time taken by moonlight to reach Earth is *

1 point

- 8 min 20 sec
- 1.3 second
- 1 minute 3 seconds
- 8.20 second

21. Change in direction of light when it passes from one medium to another is called *

1 point

- Dispersion
- Refraction
- Reflection
- Scattering

22. Fringe pattern of CD is due to *

1 point

- Dispersion
- Refraction
- Reflection
- Diffraction

23. Rays to detect forged bank notes in shops is called *

1 point

- U V Rays
- Infrared rays
- X rays
- Gamma rays

24. Which mirror is known as the shaving mirror? *

1 point

- Concave mirror
- Convex mirror
- Plane mirror
- None of these

25. Secondary colours are *

1 point

- Red, Green, Blue
- Green, Red, Cyan
- Yellow, Magenta, Cyan
- Red, Green, Yellow

THANK YOU!!!



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