

Important Physics MCQs – Solved

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Today, in this new and fresh post, we are providing you with 50 important Physics MCQs for the preparation of different kind of tests.

1. Precise measurement is the one which has,

- A. Absolute precision
- B. Less precision
- C. Max precision
- D. Both A and B
- E. None of these

Answer - Click Here:

B

2. Number of significant figures in 0.0010 are,

- A. One
- B. Two
- C. Three
- D. Four
- E. None of these

Answer - Click Here:

B

3. Which of the following is a supplementary unit?

- A. Degree
- B. Radian
- C. Steradian
- D. Both B and C
- E. None of these

Answer - Click Here:

D

4. A unit vector is obtained by?

- A. Magnitude
- B. Direction
- C. Scalar-vector
- D. Vactor
- E. None of these

Answer - Click Here:

A

5. The angle between two vectors A and B can be found by

- A. Head to tail rule
- B. Their cross product
- C. Their dot product
- D. Both A and B

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E. None of these

Answer - Click Here:

C

6. The irregular and unsteady flow of fluid are known as?

- A. Turbulent flow
- B. Streamline flow
- C. Normal flow
- D. All of above
- E. None of these

Answer - Click Here:

A

7. The frictional force is present in

- A. Gases
- B. Liquids
- C. Solid
- D. All of the above
- E. None of these

Answer - Click Here:

D

8. Drag force depends upon, according to Stokes law?

- A. Coefficient of viscosity
- B. Terminal velocity of the body
- C. The radius of the spherical body
- D. All of these
- E. None of these

Answer - Click Here:

D

9. The force that appears as a result of interaction between two moving charges is known as

- A. Magnetic force
- B. Electrostatic force
- C. Induced force
- D. Gravitation force

Answer - Click Here:

A

10. When a charge passes through a region undeflected, then $F(e)=F(m)$ _____

- A. B parallel to E
- B. $B=0$
- C. Both A and B
- D. None of these
- E. All of these

Answer - Click Here:

A

11. The direction of vectors $L \times B$ is

- A. Same as Magnetic field
- B. Same as force
- C. Same as Electric force
- D. Length conduction
- E. None of these

Answer - Click Here:

B

12. The electric current produced Magnetic field this fact is discovered by:

- A. Henry
- B. Maxwell
- C. Oersted
- D. Newton
- E. None of these

Answer - Click Here:

C

13. Parallel Lines carrying current in the same direction will:

- A. Remain at rest
- B. Repel each other
- C. Attract each other
- D. Start rotating
- E. None of these

Answer - Click Here:

C

14. Cathode ray oscilloscope work by:

- A. Proton
- B. Electron
- C. Muons
- D. Neutrons

Answer - Click Here:

B

15. what is pressure in the narrow pipe is if steam lines are close together

- A. Smaller
- B. Larger
- C. Remain the same
- D. Zero
- E. None of these

Answer - Click Here:

A

16. The power of a concave lens is

- A. real
- B. virtual
- C. positive
- D. negative

Answer - Click Here:

D

17. A convex lens gives a virtual image only when the objects lies

- A. between principal focus and center of curvature
- B. beyond $2f$
- C. at the principal focus
- D. between the principal focus and the optical center

Ans: D

[Answer - Click Here:](#)

D

18. In going from a denser to rarer medium a ray of light is

- A. undeviated
- B. bent away from the normal
- C. bent towards the normal

[Answer - Click Here:](#)

B

19. Light signals pass through multimode graded index fiber due to

- A. continuous refraction
- B. total internal reflection
- C. both continuous refraction and total internal reflection
- D. diffraction

[Answer - Click Here:](#)

A

20. A lens which converges a beam of parallel rays to a point is called

- A. diverging (or concave) lens
- B. converging (or convex) lens
- C. plano concave lens
- D. plano-convex lens

[Answer - Click Here:](#)

B

21. It is observed that an emf is set up conductor when it moves across a_____

- A. Magnetic field
- B. Gravitational field
- C. Electric field
- D. All of these
- E. None of these

[Answer - Click Here:](#)

A

22. Induced emf is a phenomenon which is due to _____

- A. Motion
- B. Changing B
- C. Changing flux
- D. All of these
- E. None of these

[Answer - Click Here:](#)

C

23. what is the amplitude at the resonance of a vibrating body situated in the air become

- A. Maximum
- B. Minimum
- C. Infinite
- D. Zero
- E. None of these

Answer - Click Here:

A

24. What is the highest temperature at which the liquefaction of gasses take place?

- A. Normal
- B. Absolute
- C. Constant
- D. Critical
- E. None of these

Answer - Click Here:

D

25. Gas pressure is defined as

- A. Mass per unit volume
- B. Energy per unit volume
- C. Force per unit area
- D. Energy per unit area
- E. None of these

Answer - Click Here:

C

26. At constant pressure, the graph between V And T is

- A. Parabola
- B. Hyperbola
- C. Straight line
- D. Ellipse
- E. None of these

Answer - Click Here:

C

27. What happens when solid materials are heated, they

- A. Decrease in volume
- B. Decrease in mass
- C. Expand
- D. Contract

Answer - Click Here:

C

28. When a metallic rod is heated, its change in length is

- A. Directly proportional to its original length
- B. Inversely proportional to the original length
- C. Independent of its original length
- D. Inversely proportional to the rise of temperature
- E. None of these

Answer - Click Here:

A

29. Bimetallic Strips are used in thermostats

- A. For heating
- B. For cooling
- C. Both A and B
- D. None of these

Answer - Click Here:

A

30. Ice becomes slippery when a man walk on it because

- A. There is no friction
- B. The ice surface is smooth
- C. The increase in pressure causes it to melt
- D. It is chilled

Answer - Click Here:

C

31. Thermodynamics is the study of the relationship between

- A. Heat and gas
- B. Heat and liquid
- C. Heat and another form of energy
- D. Heat and solid
- E. None of these

Answer - Click Here:

D

32. Which of the following is a close system

- A. The energy of the system remains constant
- B. The mass of the system remains constant
- C. Both A and B
- D. None of these

Answer - Click Here:

B

33. What is angular Momentum of a body under a central force?

- A. Constant
- B. Maximum
- C. Minimum
- D. Zero
- E. None of these

Answer - Click Here:

A

34. Moment of inertia depends upon

- A. Angular momentum
- B. Mass of body and its radius
- C. Mass as well as Distribution
- D. Mass of body and its angular speed

Answer - Click Here:

C

35. The product of these mass 'm' OF the rotating body and the square of the radius of gyration is called?

- A. Torque
- B. Moment of inertia
- C. Angular momentum
- D. The inertia of the body
- E. None of these

Answer - Click Here:

B

36. Which of the following is also called as

- A. Meta center
- B. Center of mass
- C. Center of buoyancy
- D. Center of body
- E. None of these

Answer - Click Here:

B

37. Artificial gravity is provided to the space_ship by

- A. Accelerating it
- B. Rotating it around its axis
- C. Moving with greater speed
- D. Moving slowly
- E. None of these

Answer - Click Here:

B

38. For what purpose, geostationary satellites are used?

- A. Weather observation
- B. Navigation
- C. World Communication
- D. All of the above
- E. None of these

Answer - Click Here:

D

39. With rising temperature Viscosity of gases

- A. Increase
- B. Decrease
- C. Remain the same
- D. All of these
- E. None of these

Answer - Click Here:

A

40. Atmospheric pressure effect due to

- A. Increase with altitude above the sea level
- B. Decrease with altitude above the sea level

- C. Neither increase nor decrease with altitude
- D. All of these
- E. None of these

Answer - Click Here:

B

41. The drag force of a fluid depends upon

- A. Nature of the fluid
- B. The shape of the moving body
- C. Size of the moving body
- D. All of these
- E. None of these

Answer - Click Here:

D

42. Which of the following is more viscous?

- A. Water
- B. Honey
- C. Coal tar
- D. Kerosene oil
- E. None of these

Answer - Click Here:

C

43. The smooth and steady flow of fluid is known as

- A. Turbulent Flow
- B. Laminar Flow
- C. Simple flow
- D. Regular flow
- E. None of these

Answer - Click Here:

B

44. The streamlines for an ideal fluid are?

- A. Antiparallel
- B. Parallel
- C. Perpendicular
- D. Intersect
- E. None of these

Answer - Click Here:

B

45. Number of vibration per second is called

- A. Time period
- B. Amplitude
- C. Frequency
- D. Revolution
- E. None of these

Answer - Click Here:

C

46. IN S.H.M, the velocity of a particle is maximum at
- A. Extreme Position
 - B. Mean position
 - C. The middle between mean and extreme on the right side
 - D. The middle between mean and extreme on the left side
 - E. None of these

Answer - Click Here:

B

47. The stationary wave consists of
- A. Nodes and antinodes
 - B. Crest and troughs
 - C. Compression and rarefaction
 - D. Reflection and refraction
 - E. None of these

Answer - Click Here:

A

48. in transverse waves the individual particles of the medium
- A. move in ellipses
 - B. move in a circle
 - C. move perpendicular to the direction of travel
 - D. move parallel to the direction of travel
 - E. none of these

Answer - Click Here:

C

49. The sound waves can travel only through vacuum
- A. Ether
 - B. vacume
 - C. material medium
 - D. Non-metal
 - E. None of these

Answer - Click Here:

C

50. a sound wave in the air is
- A. Transverse wave
 - B. longitudinal wave
 - C. Electromagnetic wave
 - D. Matterwave
 - E. None of these

Answer - Click Here:

B



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