

## Physics notes for class 12 – MCQs

By: Prof. Fazal Rehman Shamil Last Modified: June 16, 2019

### Physics notes for class 12 – MCQs

Here, we are giving you a list of 50 important MCQs for class 12. Hopefully, these notes of MCQs will help you.

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. Vector
- 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

Search

## MCQS PHYSICS

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States of physics MCQs Questions Answers

Dawn of Physics MCQs

Alternating Current Physics Solved MCQs Questions Answers

Work And Energy MCQs

Fluid Dynamics Solved MCQs Questions Answers

MCQs Newton Laws of motion – Solved questions answers

Momentum MCQs – Physics

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 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. Non
- 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. 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 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 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 principal focus and optical center

Ans: D

[Answer - Click Here:](#)

D

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

- A. un-deviated
- 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. planoconcave 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 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:**

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 become slippery when a man walk on it because

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

**Answer - Click Here:**

C

31. Thermodynamic 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 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. Metacenter
- 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 of 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 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 individual particles of the medium

- A. move in ellipses
- B. move in 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. vacuum
- C. material medium
- D. Non-metal
- E. None of these

**Answer - Click Here:**

C

50. the sound wave in the air is

- A. Transverse wave
- B. longitudinal wave
- C. Electromagnetic wave
- D. Matter wave
- E. None of these

**Answer - Click Here:**

B

### Topic Covered:

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**Prof. Fazal Rehman Shamil**

CEO @ *T4Tutorials.com*

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