

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	The first book of physics was written by	A. Maxwell B. Newton C. Aristotle D. Faraday
2	A dry battery can deliver 3,000 J energy to a small 2 W electric motor before the battery is exhausted for how minutes does the motor run.	A. 20 minutes B. 25 minutes C. 75 minutes D. 125 minutes
3	Lenses are commonly made of.	A. Glass only B. Plastic only C. Glass and clear plastic D. Aluminium
4	What is world's average surface air temperature.	A. 5 ^o C B. 10 ^o C C. 15 ^o C D. 20 ^o C
5	Out of the following pairs, which one does not have the same dimensions.	A. Force and weight B. Pressure and stress C. Energy and work D. Momentum and torque
6	Which of the following quantities is discrete according to Bohr's hypothesis.	A. Momentum B. Potential energy C. Angular velocity D. Angular momentum
7	Which of the following is an example of an irreversible process.	A. Isothermal and adiabatic process B. Melting of ice C. Work done against friction D. Peltier effect
8	When using the formula $E = h \lambda$ what unit should energy have.	A. Joule B. Watt second C. Newton metre D. Electron volt
9	The 1st condition of equilibrium is satisfied if.	A. Linear acceleration is zero B. Angular acceleration is zero C. The vector sum of all the forces is zero D. The vector sum of all the torque is increase
10	Which of the following are examples of transverse and a longitudinal wave.	A. Radio and sound waves B. Radio and light waves C. Light and water ripples D. Light and sound waves
11	The minimum amount of energy in an individual electron has to gain to escape from a particular surface is called.	A. Threshold frequency B. work function C. Wave number D. Kinetic energy
12	Interference through thin films depends upon	A. Thickness of thin film B. Nature of material of thin film C. angle of incident light D. All of the above
13	Who identified the first series in the spectrum of hydrogen.	A. Lyman B. Balmer C. Pfund D. Brackett
14	Two charged spheres are separated by 2 mm Which of the following would produce the greatest attractive force.	A. +1 q and +4 q B. -1 q and -4 q C. +2 q and +2 q D. +2 q and -2q
15	The centre of gravity of a body is	A. The centre of the body B. The point at the mass of the body acts

15	The centre of gravity of a body is	C. The point at which the whole weight of the body acts D. The point of rotation
16	Which of the following is the most massive particle.	A. Deuteron B. Alpha particle C. Neutron D. positron
17	Plane polarized light can be produce dby	A. Simple reflection B. Double refraction C. Scattering of light D. All of these
18	Which law states that a change in the internal energy of a closed thermodynamic system is equal to the difference between the heat supplied to the system and teh amount of work by the system on the surrounding.	A. Zeroth law of thermodynamics B. First law of thermodynamics C. Second law of thermodynamics D. Third law of thermodynamics
19	Current per unit area is called.	A. Electric potential B. Current density C. Charge density D. Electric intensity
20	From any substance the temperature and pressure at which the material can coexist in all three states in equilibrium is called.	A. Critical point B. Triple point C. Initial point D. Final point