

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	The ration of intensity of magnetization to the magnetic force is known as.	A. Parmeability B. Magnetic induction C. Magnetic intensity D. Magnetic susceptibility
2	What is the SI unit for thermal conductivity.	A. $W\ m^{-1}\ K^{-1}$ B. $W\ m^{-2}\ K^{-2}$ C. $W\ m^{-3}\ K^{-1}$ D. $J\ kg^{-1}\ K^{-1}$
3	What is the direction of the magnetic field lines inside a bar magnet.	A. From north pole to south pole B. From south pole to north pole C. From side to side D. There are no magnetic field lines
4	The energy that must be added to separate the nucleus is called.	A. Critical energy B. Binding energy C. Gravitational energy D. Electrostatic energy
5	The rate of change of angular momentum of a body is equal to.	A. Applied force B. Moment of inertial C. Applied torque D. Impulsive force
6	The direction of induced e.m.f in a circuit is in accordance with conservation of.	A. Mass B. Charge C. Momentum D. Energy
7	The splitting of atomic energy levels and the associated spectrum lines when the atoms are placed in a magnetic field is called.	A. The photoelectric effect B. The zeeman effect C. The Compton effect D. Quantum effect
8	The length of Galilean telescope is given by	A. $f_o + f_e$ B. $f_o - f_e$ C. $1/f_o - 1/f_e$ D. $1/f_o = 1/f_e$
9	On which principle the induction coil works on.	A. Self induction B. Ampere's rule C. Mutual induction D. Gauss's law
10	When a tennis balls is hit by a racket inasmuch a way that it spins as well as moves forward the velocity of the air on one side of the ball	A. Increases B. Decreases C. Remain constant D. Become zero
11	If the rate of change of momentum w.r.t Time is zero then	A. Momentum is a function of time B. Momentum is not conserves C. Momentum is constant D. The impulse is into the same direction as the momentum
12	A capacitor is connected to a battery The fore of attraction between the plate when the separation between them is halved will	A. Remain the same B. Become twice C. Become 4 times D. Become 8 times
13	For which position, will the maximum blood pressure in the body have the smallest value.	A. Standing up right B. Sitting relaxed C. Lying horizontally D. Standing on one's head
14	For which of the following objects is the centre of mass equidistant from every point on its surface	A. An unsharpened pencil B. A gramophone record C. An egg D. A table tennis ball
15	The SI unit of density is.	A. $kg\ m^2$ B. $kg\ m^{-2}$ C. $kg\ m^{-3}$

16	Radioactive substances do not emit	A. Alpha particles B. Beta particles C. Gama rays D. Neutrons
17	if two conductors in the same vicinity each possess one coulomb of charge of opposite sign when one volt potential difference is established between them we may say they possess	A. A capacitance of one henry B. An inductance of one henry C. An impedance of one ohm D. A capacitance of one farad
18	The static friction is.	A. Always equal to dynamic friction B. Always less than dynamic friction C. Always greater than dynamic friction D. Sometimes greater and sometimes less than dynamic friction
19	A Spectrum of radiation in which the quantity being studied, such as frequency or energy takes on discrete values is called.	A. Continuous spectra B. Band spectra C. Discrete spectra D. Normal spectrum
20	A sheet of transparent material with many fine equally spaced lines ruled parallel on its surface is called	A. Interferometer B. Grating element C. Ruler D. Patch
