

## PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	The total energy of body executing SHM is directly proportional to.	A. Amplitude B. Square of amplitude C. Square root of amplitude D. Reciprocal of amplitude
2	If the resultant of all the forces acting on a body is zero then the body is in	A. Translation equilibrium B. Rotational equilibrium C. Equilibrium D. Dynamic equilibrium
3	Candela is the SI base unit of.	A. illuminance B. Luminous flux C. Luminous intensity D. Radiant energy
4	Simple harmonic motion may be assumed as a projection of uniform circular motion along a	A. Diagonal B. Hypotenuse C. Radius D. Diameter
5	A body is equilibrium may not have	A. Momentum B. Velocity C. acceleration D. K.E.
6	Huygen's wave theory fails to explain	A. Diffraction B. polarization C. Interference D. Refraction
7	Artificial polymers are made by a chemical reaction known as.	A. Crystallization B. Electroplating C. Polymerization D. Polarization
8	Difference in the density of two medium when waves are passing from one into another medium always results in the change in.	A. Wave speed B. Wave direction C. Both speed and direction D. Wave frquency
9	In a photocell, certain metals emit electrons for	A. Visible light B. X-rays C. Infrared light D. Ultraviolet light
10	If the roads are not banked	A. A vehicle will turn over B. A vehicle will not travel along with curve C. Tyres and bearing are damaged D. Roads will be spoiled
11	Optics is the	A. Scientific study of light and vision B. Scientific study to sound C. Scientific study of time D. Scientific study of fluid
12	The electric current can be defined by its	A. Chemical effect B. Magnetic effect C. Heating effect D. All of these
13	The dimensions of strain are.	A. [MLT-2] B. [ML-1T-2] C. [ML-2T-3] D. It is a dimensionless quantity
14	Electricity is transmitted at high voltage rather than at low voltage because.	A. It is generated at high voltage B. It is safer C. It requires less insulation D. It wastes less energy
15	If the earth stopped rotating the weight of objects at either pole would.	A. Be grater B. Be less C. Vary with altitude

16	In case of a convex lens the rays closed to and parallel to the principal axis will converge after refraction by the lens at a point.	A. Optical centre B. Principal focus C. Focal plane D. Principal axis
17	Which of the following is a clinical thermometer.	A. Gas thermometer B. Mercury thermometer C. Alcohol thermometer D. Radiation thermometer
18	How many calories of heat are required to evaporate completely 1 g of ice at 0 °C	A. 480 calories B. 720 calories C. 940 calories D. 1170 calories
19	The direction of induced e.m.f in a circuit is in accordance with conservation of.	A. Mass B. Charge C. Momentum D. Energy
20	The power of lens in dioptres is	A. Its focal length in meters B. The reciprocal of its focal length in metres C. The reciprocal of length in metres D. The reciprocal of length in centimetres