

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	Mostly widely used types of gas LASER are.	A. Neon B. Argon ion C. Helium D. All of these
2	A double convex air bubble in water will behave as.	A. Plane slab B. Concave mirror C. Convex lens D. Concave lens
3	Which particle has zero charge and zero rest mass.	A. Neutron B. Proton C. Electron D. Photon
4	In Compton's effect it was considered that X-rays consist of	A. Electrons B. Holes C. Neutrons D. Protons
5	Which of the following describes that the time interval between two events may be different in different of references	A. Simultaneously B. Time dilation C. Length contraction D. Mass variation
6	Radio carbon in the atmosphere is produced by the bombardment of.	A. Oxygen by high energy neutrons B. Oxygen by high energy protons C. Nitrogen by high energy protons D. Nitrogen by high energy neutrons
7	The blooming of the image due to dispersion in lenses is called.	A. spherical aberration B. Chromatic aberration C. Astigmatism D. Curvature of image field
8	Which of the following is invariant under Galilean transformation.	A. Velocity B. Impulse C. Momentum D. Distance
9	When damping is small amplitude of vibrational resonance will be	A. small B. Large C. Infinite D. Un changed
10	If 'p' is the momentum of an object of mass 'm' the expression p^2/m has base units identical to.	A. Power B. Force C. Velocity D. Energy
11	The path of a projectile is a	A. Straight line B. Circle C. Ellipse D. Parabola
12	The Lenz's law is also a statement of the law of conservation of.	A. Energy B. Mass C. Momentum D. Torque
13	When a positive charge is allowed to move from positive to negative plate, then it will gain	A. P.E. B. K.E C. Gravitational energy D. Electrical P.E.
14	What is the necessary condition for Boyle's law to hold good.	A. Isothermal B. Adiabatic C. Isobaric D. Isochoric
15	What is the overall gain, if three amplifiers each with a gain of 30 are cascaded.	A. 30 B. 90 C. 270 D. 27,000

16	Because of second law of thermodynamics about the direction of energy flow what is possible.	A. Heat B. Light C. Energy D. life
17	Artificial radioactivity was discovered by	A. Rontgen B. Becquered C. Rutherford D. Marie Curie and Pierre Curie
18	No entropy change is associated with	A. Isothermal process B. Adiabatic process C. Isochoric process D. Isoteric process
19	To reduce spherical aberration in optical instruments which of the following should be used.	A. Plano convex lenses B. Concave lenses C. Spherical mirrors D. Plane mirrors
20	Viscosity in fluid refers to	A. The density of a fluid B. the compressibility of a fluid C. Tangential force exerted on solid surface by the flowing fluid D. Normal forces exerted on solid surace by the following fluid
