

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	Who pointed out that both wave and particle aspects are required for the complete description of both radiation and matter.	A. Davison and Germer B. J.J.Thomson C. Neil Bohr D. Compton
2	In the absence of air resistance all objects regardless their weights, fall with	A. Same velocity B. Different velocity C. Same acceleration D. Different acceleration
3	In an ideal case, when no K.E. is lost the collision is.	A. Perfectly elastic B. Perfectly inelastic C. May or may not be elastic D. May or may not be inelastic
4	Which of the following is the cause of failure of a lens to form a sharp and distinct image of a white object.	A. Spherical aberration B. Chromatic aberration C. Distortion D. Astigmatism
5	In a parallel resonant circuit, at resonance	A. Current is maximum B. Voltage is maximum C. Impedance is minimum D. Impedance is zero
6	The field inside a hollow spherical conductor is.	A. Constant in zero B. Constant but not necessarily zero C. A function of charge on sphere D. a function of distance from the centre
7	A double convex air bubble in water will behave as.	A. Plane slab B. Concave mirror C. Convex lens D. Concave lens
8	The picture to be transmitted must be scanned because in T.V transmission light wave are first changing into.	A. sound wave B. Electric fluctuations C. Magnetic fluctuations D. Signals
9	Internal energy of a gas decreased when	A. It gains heat B. Change in cycle C. Change in adiabatic D. Change in reversible
10	In fission reaction, heavy water is used as a	A. Coolant B. Moderator C. Heat exchanger D. Controller of reaction rate
11	Which of the following form of electromagnetic energy has the highest frequency.	A. X rays B. Gamma rays C. Ultraviolet waves D. Infrared waves
12	use of outer layer in optical fibers called cladding is mainly to.	A. Scatter the light B. Absorb unwanted light C. Transmit the light D. Produce total internal reflection
13	The Lenz's law is also a statement of the law of conservation of.	A. Energy B. Mass C. Momentum D. Torque
14	Which one is not a semiconductor.	A. GaAs B. Ge C. Sc D. In
15	The phase angle between the voltage and current in A.C. circuit through a resistor is.	A. 0 $^{\circ}$ B. 45 $^{\circ}$ C. 90 $^{\circ}$ D. 180 $^{\circ}$

16 The speed of bodies exceeding the speed of sound is called.
A. Supersonic
B. Ultrasonic
C. Infrasonic
D. Super fast

17 In an electronic transition atom cannot emit
A. Gama rays
B. Visible rays
C. Infrared rays
D. Ultraviolet rays

18 If a capacitor is charged by using a 1.5 V battery, how much charge will capacitor gain.
A. 0 V
B. 0.5 V
C. 1.5 V
D. 3 V

19 Which is the branch of medicine that deals with the anatomy physiology and diseases of the eye.
A. Ophthalmology
B. Psychology
C. Andrology
D. Gynecology

20 The SI unit of momentum is.
A. kg m s⁻²
B. kg m² s⁻²
C. kg m s⁻¹
D. kg s⁻¹
