

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	Who identified the first series in the spectrum of hydrogen.	A. Lyman B. Balmer C. Pfund D. Brackett
2	The emission of photons by a metal when electrons are incident is called.	A. Photo electric effect B. Pair production C. X-rays production D. Gama ray production
3	In case of a convex lens, image formed at 2 F is	A. Virtual, erect and larger than the object B. Real, inverted and large than the object C. Real, inverted and same size as the object D. Real, inverted and smaller than the object
4	Laser light is considered to be coherent because it consists of.	A. Many wavelengths B. Uncoordinated wavelengths C. Coordinated waves of exactly the same wavelength D. Divergent beams
5	An inflated tyre suddenly bursts As a result of this temperature of the surrounding	A. Increases B. Decreases C. Remains constant D. May increase or decrease
6	According to kinetic energy of gases one assumes that the collisions between the molecules are.	A. Perfectly elastic B. Perfectly inelastic C. Partly elastic D. Partly inelastic
7	Temperature of a gas is related to.	A. Total K.E. of the gas molecules B. The K.E. of the centre of mass of the gas C. The P.E. of the centre of mass of the gas D. Total K.E. of the molecules w.r.t the centre of mass of gas
8	The Compton effect in X-rays proves that	A. Electrons have wave property B. x-rays have wave properly C. X-rays have particle characteristics D. Electrons cannot exist
9	In a stationary wave the particle velocity at the node is	A. Zero B. Constant C. Minimum D. Maximum
10	Which technique uses underwater sound propagation to detect and locate submerged objects.	A. RADAR B. LIDAR C. SONAR D. LASER
11	Which vector gives the displacement from one point another in space.	A. Null vector B. Position vector C. Unit vector D. Distance vector
12	In a galvanometer the enameled copper wire is wound on.	A. An insulator B. A non magnetic material C. A magnetic material D. A conductor
13	If a vehicle is to gain momentum it must	A. Lose weight B. Move slowly C. Lose inertia D. Accelerate
		A. Rumford

14	The temperature scale based upon triple point of water was given by	B. Carnot C. Kelvin D. Celsius
15	A steel of which material should be placed between the plates of a parallel plate capacitor in order to increase its capacitance.	A. tin B. Iron C. Copper D. Mica
16	What is measured by the energy dissipated when a source drives a unit charge round a complete circuit.	A. Electromotive force B. Potential difference C. Power D. Resistance
17	If the number of gas molecules in a cubical vessel is increase from N to 3 N then its pressure and total energy will be.	A. Half B. Three times C. Double D. Four times
18	The SI unit of decay constant is.	A. m B. m ⁻¹ C. s ⁻¹ D. N m ⁻¹
19	Angular simple harmonic motion is.	A. Periodic rectilinear motion B. Independent of any applied torque C. Periodic rotational motion D. Never defined
20	The combined effect of resistance and reactance's in A.C. circuit is called.	A. Resistance B. Conductance C. Choke D. Impedance