

## PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	If velocity is doubled then	A. Momentum increase 4 time and K.E. increase 2 times B. Momentum increases 2 times and K.E. remains constant C. Momentum increases 2 times and K.E. increases 4 times D. Both momentum and K.E. remain constant
2	the wavelength of continuous X-rays is inversely proportional to.	A. Intensity of incident electron beam B. Temperature of the target C. Intensity of X-rays D. The energy of electrons striking the target
3	Which thermodynamic law state that the entropy of a perfect system approaches zero.	A. Zeroth law of thermodynamics B. First law of thermodynamics C. Second law of thermodynamics D. Third law of thermodynamics
4	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.
5	The SI unit of coefficient of viscosity of	A. kg m s <sup>-1</sup> B. kg m <sup>-1</sup> s <sup>-1</sup> C. kg m <sup>-1</sup> s <sup>-1</sup> D. kg ms <sup>-2</sup>
6	One radian is equal to.	A. 0.1 Gy B. 0.01 Gy C. 0.001 Gy D. 0.0001 gy
7	Entropy of universe is increasing day by day due to.	A. Power generating processes B. Energy used into work C. Depletion of ozone D. All of the above
8	if the line of action of force passes through the axis of rotation of origin, then torque is.	A. Maximum B. Negative C. Zero D. 1
9	At series resonance in L-C-R circuit the impedance is equal to.	A. Ohmic resistance B. Inductive reactance C. Capacitive reactance D. Inductive reactance minus capacitive reactance
10	Fringe spacing in double slit experiment can be increased by decreasing.	A. Wavelength of light B. Width of slits C. Slit separation D. Distance between the slits and screen
11	Total internal reflection occurs when the angle of incidence is.	A. Greater than the angle of refraction B. Equal to the critical angle C. Greater than the critical angle D. Greater than 45 <sup>o</sup>
12	The value of power factor in an LCR series circuit at resonance is.	A. Zero B. 0.5 C. unity D. Infinity
13	The phenomenon in which a changing current in one coil induces an emf in another coil is called.	A. Induced current B. Induced emf C. Self induction D. Mutual induction
14	LASER beam may be measure very large distance because it is.	A. Inidirectional B. coherent

		C. Monochromatic D. Not absorbed
15	If a vehicle is to gain momentum it must	A. Lose weight B. Move slowly C. Lose inertia D. Accelerate
16	The cathode ray oscilloscope is used for	A. Displaying the waveform of given voltage B. Displaying the wave form of given vibrations C. Rectifying a.c to d.c. D. Rectifying D.C. to A.C.
17	The permeability of air is	A. 0.5 B. zero C. infinity D. Unity
18	Who explained Brownian movement quantitatively.	A. Issac Newton B. albert Einstein C. James Maxewl D. Robert Brown
19	The highest value reached by the voltage or current in one cycle is its.	A. Top value B. Maximum value C. Average value D. Peak value
20	Artificial polymers are made by a chemical reaction known as.	A. Crystallization B. Electroplating C. Polymerization D. Polarization