

## PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	Impulse is equal to.	A. $F \times t/2$ B. $\frac{1}{2} F \times t$ C. $F \times t$ D. $F \times t/m$
2	In projectile motion, the body has	A. One component of velocity B. Two components of velocity C. Three components of velocity D. No component of velocity
3	Heat Cannot be transferred from a colder to a hotter region unless work is done This is the statement of.	A. First law of thermodynamics B. Second law of thermodynamics C. Third law of thermodynamics D. Zeroth law of thermodynamics
4	Efficiency of a Carnot engine depends on	A. Temperature B. Pressure C. Volume D. The nature of working substance
5	The relation between angle of incidence and angle of refraction is known as.	A. Snell's law B. Refractive index C. Index of refraction D. All of the above
6	In radiotherapy X-rays are used to.	A. Treat cancer B. Detect bone fracture C. Cure heart disease D. All of the above
7	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
8	The centre of the sun produces a large amount of energy what is the source of this energy.	A. Chemical reaction B. Nuclear fission C. Nuclear fusion D. Radioactive decay
9	When transverse wave travelling in a less dense medium is reflected at an interface with a more dense medium.	A. A trough becomes a crest B. There is no phase shift C. There is phase shift of $360^\circ$ D. A crest remains a crest
10	X-rays eject electrons from matter by	A. Pair production B. Pair annihilation C. Compton effect D. Photoelectric effect
11	When a body is lifted through a height 'h' the work done on the body appears in the form of.	A. K.E B. P.E C. Heat D. Density
12	Which property of waves is independent of the others.	A. Amplitude B. Velocity C. Frequency D. Wavelength
13	The special theory of relativity was presented in 1905 by	A. Young B. Planck C. Schrodinger D. Einstein
14	In the direction indicated by an electric field line.	A. The electric field strength must increase B. The electric field strength must decrease C. The potential must remain constant D. The potential must decrease

15	Current per unit area is called.	A. Electric potential B. Current density C. Charge density D. Electric intensity
16	Mean free path of gas molecules is inversely proportional to its.	A. Weight B. Temperature C. Pressure D. Volume
17	The process in which a system undergoes a change of state at constant volume.	A. Isobaric process B. Isochoric process C. Isothermal process D. Adiabatic process
18	Neutrino is a particle with	A. Charge less property and has no spin B. Charge less property and has spin C. Charge less like electron and has spin D. The same property as neutron
19	A generator running in reverse may be called as.	A. A.C. Generator B. D.C. generator C. Motor D. Commutator
20	On which factor the self induction does not depend upon.	A. Number of turns of the coil B. the core material C. Weight of the coil D. Area of the cross section of the coil