

## PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	Which of the following quantities is analogous to mass in electricity.	A. Charge B. Potential C. Capacitance D. Inductance
2	When a hot liquid is mixed with a cold liquid temperature of the mixture.	A. First decreases and then becomes constant B. First increases and then becomes constant C. Continuously decreases D. Is undefined for some time and then nearly becomes constant
3	If a wave vibrates 10 times in one second with a speed of 10 m s <sup>-1</sup> the wavelength will be.	A. 1 m B. 10 m C. 20 m D. 100 m
4	a cube with sides 2 cm long is made from a material of density 8 g cm <sup>-3</sup> What is the mass of the cube	A. 4 g B. 16 g C. 32 g D. 64 g
5	What is the effect of electric and magnetic fields on X-rays	A. X-rays are deflected B. X-rays are not deflected C. X-rays are sometimes deflected and sometimes not D. Nothing can be said
6	When impurities are added to metals they	A. Will decrease the elasticity B. Will increase the elasticity C. Will not change the elasticity D. Will or will not change the elasticity
7	One of the device to produce plane polarized light is.	A. A prism B. A bi prism C. A plane mirror D. A nicol prism
8	If the rate of change of momentum w.r.t Time is zero then	A. Momentum is a function of time B. Momentum is not conserved C. Momentum is constant D. The impulse is into the same direction as the momentum
9	The converse of pair production is	A. Annihilation of matter B. Materialization C. Compton effect D. Photo electric effect
10	balls fall faster than rain drops due to their	A. Greater size B. Greater mass C. Greater area D. Structure
11	Difference between the molar heat capacity constant pressure and that a constant volume is equal to	A. Root mean square velocity B. Mean free path C. Boltzmann's constant D. Universal gas constant
12	The power of a convex lens is 5 D at what distance the object should be placed from the lens so that its real and 2 times larger image is formed.	A. 25 cm B. 30 cm C. 35 cm D. 40 cm
13	A pair of point charges with equal magnitude and opposite sign separated by a distance 'r' produce.	A. Electric dipole B. Electric charge C. Electric field D. electric arc
14	If the current in a wire which is placed perpendicular to a magnetic field increases the force on the wire.	A. Increases B. Decreases C. Remain the same D. Will be zero

15	A constant mass undergoes uniform acceleration the correct statement about the resultant force acting on the mass is.	A. It increases uniformly w.r.t time B. It is constant but not zero C. It is proportional to the displacement from a fixed point D. It is proportional to the verlocity
16	Which six particles and their antiparticles interact by the weak interaction.	A. Leptons B. Hadrons C. Muons D. pi mesons
17	Half life and mean lifetime of a radioactive element are.	A. Equal to each other B. Inversely proportional to each other C. Directly proportional to each other D. Not related to each other
18	The phenomenon of total internal reflection occurs in	A. Optical fibre B. Rainbow C. Mirage D. All of these
19	Phenomenon of radioactivity is due to disintegration of.	A. Proton B. Neutron C. electron D. nucleus
20	The viscosity of an ideal fluid is	A. Infinity B. Unity C. Zero D. 0.5