

## PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	An electric lamp use energy at the rate of 46 W on a 12 V supply. How much charge passes through the lamp in 2s.	A. 0.15 C B. 0.50 C C. 2.0 C D. 8.0 C
2	the ratio of applied stress to volumetric strain is called.	A. shear modulus B. Bulk modulus C. Young's modulus D. elastic limit
3	The magnetic field inside a solenoid is	A. Zero B. Infinite C. Uniform D. Non uniform
4	Which particle is removed by a photon.	A. Quark B. Electron C. Proton D. Neutron
5	A body is equilibrium may not have	A. Momentum B. Velocity C. acceleration D. K.E.
6	The value of critical angle of glass is	A. 45 <sup>o</sup> B. 42 <sup>o</sup> C. 48 <sup>o</sup> D. 52 <sup>o</sup>
7	When a ray of light travelling in a denser medium enters into a rarer medium.	A. It remains undeviated     B. It is reflected back     C. It bends towards the normal     D. It bends away from the normal
8	A tank 3 m long 1 m wide and 0.5 m deep is filled with oil which weight 12,000 N . The pressure on the base of the tank due to oil is.	A. 1,000 Pa B. 4,000 Pa C. 3,000 Pa D. 6,000 Pa
9	The particles less in mass than protons are	A. Measons B. Bosons C. Baryons D. Nucleons
10	The ratio of intensities of two sound waves is 4:9 what will be the ratio of their amplitudes.	A. 9:4 B. 2:3 C. 3:2 D. 4:9
11	In which form energy in an inductance coil is stored.	A. Heat energy B. Light energy C. Magnetic energy D. Nuclear energy
12	Two forces act together on an object the magnitude of their resultant force is minimum when they act at	A. 0 <sup>o</sup> B. 45 <sup> o</sup> C C. 90 <sup> o</sup> D. 180 <sup>o</sup>
13	What is an elementary particle, the basic unit of light and all other form of electromagnetic radiation.	A. Phonon B. Photon C. Neutron D. Proton
14	Which quantity must be the same for two bodies if they are to be in thermal equilibrium.	A. Internal energy B. P.E C. Temperature D. Mass
15	The specific heat of an ideal gas values as	A. To B. T1 C. T2 D. T3

16	The total gain in entropy of the working substance in a Carnot cycle is.	A. Positive B. Negative C. Infinite D. Constant
17	The relation between refractive index an critical angle is.	A. sin C = 1/n B. sin n = 1/C C. sin c = 1 D. n = sin C
18	If two bodes are under a collision that is not perfectly elastic then.	A. K.E. is conserved but momentum is not B. Momentum is conserved but K.E is not C. Neither K.E. nor momentum is conserved D. Both K.E. and momentum are conserved
19	When an unbalanced external force acts on a body for a short interval of time.	A. The body will experience an impulse. B. The momentum of the body increases C. The velocity of the body increase. D. The body is not effected
20	On loading the prong of a tuning fork with wax. Its frequency.	A. Increases B. Decreases C. Remain unchanged D. May increase or decrease