

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	The ratio of the velocity of sound in hydrogen to the velocity of sound in oxygen is	A. 4:1 B. 16:1 C. 2:1 D. 8:1
2	Which of the following is formed by decay of a free neurton.	A. A number of electrons B. Two protons C. A proton and an electron D. An alpha particle
3	Which term is used for human eye deflect near sightedness.	A. Myopia B. Hypermetropia C. Presbyopia D. Calaract
4	Which Isotopes is use din radioactive dating.	A. C ¹² B. C ¹³ C. C ¹⁴ D. C ¹⁶
5	Where is the velocity of electrons maximum in a diode.	A. Near the cathode B. Near the anode C. In the space ini between the two elecrode. D. It is same throughout the tube
6	Resonance phenomenon in a vibrating body	A. May increase the amplitude B. May decrease the amplitude C. May not affected the amplitude D. All of the above
7	The pressure of a goas is directly proportion to	A. Mean velocity of the molecules B. Mean square velocity of the molecules C. Root mean square velocity of the molecules D. Instantaneous velocity of the molecules
8	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
9	The main advantage of step index fiber is.	A. The size of the cable B. The equality of the cbale C. Difference in the wavelengths of signals D. All of the above
10	One Tesla is equal to.	A. 1 NA-1 B. 1 Nm-1 C. 1 NA -1 m D. 1 NA -1 m-1
11	Gauss's law a most useful in cases where the charge distributions.	A. Are made up of discrete point charges B. Are finite in their spatial extent C. Give rise to inverse square law fields D. Posses a certain amount of symmetry
12	An important application of the semi conductor is the	A. Vacuum tube B. Fluroescent tube C. Copper oxide rectifier D. Battery
13	In the Geiger Marsden experiment a narrow beam of alpha particles was fired at a thin piece of Gold foil in a vacuum Some of the particles were scattered though large angles The result of the experiment provided evidence for the existence of.	A. A very small charged nucleus B. electrons orbiting the nucleus C. Neutrons in the nucleus D. Nuclear reaction
14	When of the following radiations are not emitted by electron transitions in atoms.	A. Visible rays B. Ultraviolet rays

-		C. Intrared radiations D. Alpha particles
5	A piece of weighed wood just floats in water when placed in alcohol will	A. Float lower B. Float higher C. Stay as before D. Sink
6	A field in which the work done in moving a body along the closed path is zero.	A. electric field B. electromagnetic field C. Conservative field D. Non conservative field
7	Michelson's interferometer was devised in.	A. 1801 B. 1825 C. 1867 D. 1881
8	The mass of an alpha particle is.	A. 2 u B. 4 u C. 6 u D. 8 u
9	When the number of turns in the solenoid is doubled without any change in teh length of the solenoid its self inductance will be.	A. Halved B. Doubled C. 4 times D. 8 times
0	Current in an electrolyte is carried by.	A. Electron only B. Anions only C. Citations only D. Mesons only