

Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	The potential difference between the head and tail of an electrical to	A. 600 Volt B. 700 Volt C. 800 Volt D. 900 Volt
2	The thermistors convert changes of temperature into.	A. Light energy B. Electric voltage C. Heat D. Sound
3	The process by which lesser beam can be used to generate 3-dimensional images of objects is called	A. Holography B. Geo graphy C. Tomography D. Radio graphy
4	Materials can be identified by measuring their	A. Mass B. Half life C. Both a and b D. None of a,b,c
5	If 13.6 eV energy is required to ionize the hydrogen atom, then the required energy to remove an electron from n=2 is:	A. 10.2 eV B. 0 eV C. 3.4 eV D. 6.8 eV
6	Base of transistor is of order:	A. 10 ⁻¹¹ m B. 10 ⁶ m C. 10 ⁻⁸ m D. 10 ⁻⁶ m
7	The numerical value of Compton wavelength is equal to	A. 3.43 x 10 ⁻¹² m B. 1.43 x 10 ⁻¹² m C. 2.43 x 10 ⁻¹² m D. 0.43 x 10 ⁻¹² m
8	Substance which break just after the elastic limit is reached are called as.	A. Ductile substances B. Hard substances C. Britto substances D. Soft substances
9	Conversation of only one half of A.C. into D.C. is called.	A. Half wave amplification B. Wave amplification C. Half wave electrification D. Half wave rectification
10	For step down transformer	A. Ns>Np B. Np > Ns C. Ns = Np D. Ns > > &p
11	In current carrying long solenoid the magnetic field produced does note depend upon	A. The radius of solenoid B. Number of turns per unit length C. Current flowing through solenoid D. All of above
12	In RLC series circuit at resonance the phase difference between capacitor and inductor reactance is.	A. 90 ^o B. 270 ^o C. 0 ^o D. 180 ^o
13	In Pakistan the frequency of A.C. supply is.	A. 50 Hz B. 60 Hz C. 45 Hz D. 70 Hz
14	The solid with definite M.L are called:	A. Crystalline B. Amorphous C. Polymeric D. None of above
15	When a motor is over loaded then the magnitude of back emf.	A. Increases B. Decreases C. Remain constant D. Zero

6	The amount of energy equal to 1.6 x 10 ⁻¹⁸ J is called.	A. One volt B. One milli volt C. One electron volt D. One mega electron volt
7	If the distance between the two charged bodies is halved, the force between them becomes.	A. Double B. Half C. Four times D. One times
18	The uncertainty principle was given by	A. De-Broglie B. Heisenberg C. Einstein D. Max Planck
19	What is difference is isotopes	A. Number of protons B. Number of neutrons C. Number of electrons D. Charge number
20	The working principle of transformer is.	A. Self induction B. Faraday's law C. Mutual induction D. Electromagnetic induction