

Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
51	QUOUIUI IO	A. Three diodes
1	The circuit of full wave rectification consist of	B. Four diodes C. Two diodes D. One diode
2	If the coil is wound on iron core, the flux through it.	A. Decreases B. Becomes zero C. Increases D. Remains constant
3	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
4	The middle region of electric field is:	A. Maximum field spot B. Zero field spot C. Perpendicular field spot D. All of above
5	The SI unit of E is NC-1 and that of B is Na-1 m-1 then the unit of E/B is.	A. ms-2 B. ms C. ms ⁻¹ D. m-1s-1
6	Balmer Empirical formula explains the electromagnetic radiation of any excited atom in terms of their.	A. Energy B. Mass C. Wave length D. Momentum
7	The substance which atom cooperates with each other in such a way so as to exhibit a strong magnetic field is called.	A. Ferromagnetic B. Paramagnetic C. Diamagnetic D. Non magnetic
8	The sum of electric and magnetic force is called.	A. Maxwell force B. Lorentz force C. Newton's force D. Centripetal force
9	The principle regarding the dual nature of light was first discovered by	A. Heisenberg B. Compton C. J.J.Thomson D. De-Broglie
10	Which device is used as a rectifier?	A. Capacitor B. Transistor C. Diode D. Transformer
11	An AVO meter can also be called as.	A. Digital multimeter B. Digital voltmeter C. Digital ammeter D. Digital ohm meter
12	The material whose resistivity becomes zero below a certain temperature	A. Conductors B. Semi conductors C. Super conductors D. Insulators
13	A capacitor is charged with a battery and then it is disconnected. A slab of dielectric is now inserted between the plates, Then	A. The charge in the plates reduces and potencial difference increase B. Potencial difference between the plates increase, stored energy decreases and charge remains the same C. Potencial difference between the plates decreases, stored energy decreases and charge remains
14	The natural frequency of L.C circuit is equal to	unchanged D. None of them

15	In three phase voltage across any two lines is about.	A. 220 V B. 230 V C. 400 V D. 430 V
16	The first theory about the structure of an atom was introduced by	A. Neil Bohr B. Einstein C. Compton D. Rutherford
17	When gama rays are emitted, the nuclear mass.	A. Decreases by 4 units B. Does not change C. Increases by 2 units D. Increase by 1 unit
18	Domains are existed in	A. Ferromagnetic materialsB. Paramagnetic materialsC. Semi conductorsD. Diamagnetic materials
19	If the following particle have the same energy, which particle has the shortest wave length.	A. alpha particle B. Neutron C. Beta particle D. Proton
20	e/m=	A. v/Br B. Br/V C. VB/r D. Vr/B