

Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	A sensitive galvanometer is	A. Unstable B. Stable C. Moderate D. Both B and C
2	Selenium is	A. Insulator is dark B. Insulator in light C. Conductor in dark D. Semi conductor in dark
3	If the kinetic energy of a free electron doubles, its de Broglie wavelength changes by the factor.	A. $\frac{1}{2}$ B. $\frac{1}{\sqrt{2}}$ C. $\frac{1}{2}$ D. $\frac{1}{\sqrt{2}}$
4	Iodine -131 is used for the treatment by	A. Bones B. Eyes C. thyroid glands D. Lungs
5	How many times, the alpha particle is more massive than electrons.	A. 6332 B. 7332 C. 8332 D. 9332
6	Balmer series lies in region of electromagnetic spectrum.	A. Infrared B. Visible C. Ultraviolet D. Fra infrared
7	The series in infrared region is:	A. Paschen series B. Bracket series C. Pfund series D. All of above
8	Unit of self inductance is	A. Weber B. Tesla C. Henry D. Farad
9	The internal resistance of a capacitor is called:	A. Impedance B. Resistance C. Reactance D. Conductance
10	When meta l is heated sufficiently electrons are given off by the metal. This phenomenon is known as.	A. Photoelectric effect B. Piezo electric effect C. Thermionic emission D. Secondary emission
11	The sensitivity of galvanometer is given by	A. $\frac{C}{NAB}$ B. $\frac{C}{BAN}$ C. $\frac{BAN}{C}$ D. $\frac{BNCA}{C}$
12	When a pot difference of 4 volt is applied across resistance, 10 J of energy is converted Find charge flows	A. 0.20 C B. 2.5 C C. 5.0 C D. 10.0 C
13	Michael Faraday and Joseph Henry belongs to	A. England and USA B. France and USA C. China and USA D. None of these

14	How many neutrons are there in the nuclide Zn^{66} ?	B. 30 C. 36 D. 66
15	The reactance of inductor depends upon	A. L D. All of the above
16	Which particle has larger range in air.	A. Alpha rays B. Gama rays C. Beta rays D. Neutron
17	The resistivity of two wires is ρ_1 and ρ_2 which are connected in series. If there dimensions are same then the equivalent resistivity of the combination will be:	<p>A. $\rho_1 + \rho_2$</p> <p>B. $\frac{\rho_1 + \rho_2}{2}$</p> <p>C. $\frac{\rho_1 \rho_2}{\rho_1 + \rho_2}$</p> <p>D. $\frac{\rho_1 \rho_2}{\rho_1 - \rho_2}$</p>
18	The solids are classified as	A. Polymeric B. Amorphous C. Crystalline D. All of above
19	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
20	Wave nature of particle was given by:	A. Clemensen B. Louis de Broglie C. Laster H. Germer D. Clinton S. Davisson