

Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	The chargeless region after formation of Pn junction is called:	A. Free region B. Depletion region C. Field region D. U.V region
2	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
3	Radioactivity happen due to the disintegration of	A. Nucleus B. Mass C. Electrons D. Protons
4	Who explained the photo electric effect.	A. Max Plank B. Einstein C. Henry D. Rutherford
5	Commutator was invented by:	A. William bills B. William Gates C. William tells D. William Sturgeon
6	The half life of radioactive elements depends upon	A. Temperature B. Nature of element C. Amount of the radioactive substance D. Pressure
7	Charge on electron is	A. 1.6×10^{-19} C B. 1.6×10^{19} C C. 1.6×10^{-17} C D. 1.6×10^{17} C
8	If 10 A current passes through 100 mH inductor, then energy stored is.	A. 100 J B. 5 J C. 20 J D. Zero
9	Conductors have conductivities of order:	A. 10^3 (Ω m) ⁻¹ B. 10^7 (Ω m) ⁻¹ C. 10^7 Ω m ⁻¹ D. 10^6 Ω
10	The mass of protons is:	A. 1.675×10^{-27} kg B. 1.693×10^{-27} kg C. 1.673×10^{-31} kg D. 1.673×10^{-27} kg
11	When charge particle enter perpendicular to magnetic field, the path followed by it is:	A. A helix B. A circle C. Straight line D. Ellipes
12	Radius of first orbit of an atom is $r_1 = 0.053$ nm, Radius of second orbit r_2 will be.	A. 0.106 nm B. 0.212 nm C. 0.053 nm D. 0.53×10^{-10} nm
13	Disintegration of photon on striking a nucleus into an electron and positron is known as.	A. Annihilation of matter B. Compton effect C. Pair production D. Photo electric effect
14	Which one pair belongs to acceptor impurity.	A. Aresincl, phosphorus B. Boron, gallium C. Arsenic, antimony D. Antimony, indium

15	Paschen series lies in the	A. Far ultraviolet region B. Visible region C. Ultraviolet region D. Infrared region
16	If the length and number of turns of a solenoid are doubled strength of magnetic field with.	A. Be doubled B. Become half C. Not change D. Be four time
17	The device which allows only the continuous flow of AC through it is.	A. Inductor B. Battery C. Thermistor D. Capacitor
18	The value of Rydberg constant is:	A. $1.0749 \times 10^7 \text{ m}^{-1}$ B. $1.0974 \times 10^7 \text{ m}^{-1}$ C. $1.974 \times 10^6 \text{ m}^{-1}$ D. $1.0974 \times 10^{-7} \text{ m}^{-1}$
19	when an inductor comes close to a metallic object, its inductance is.	A. Decreased B. Increased C. Becomes half D. Becomes 4 times
20	The most abundant isotope of neon is:	A. Neon 21 B. Neon 20 C. Neon 22 D. None of above