

Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Which one is pentavalent impurity	A. Boron B. Gallium C. Antimony D. Indium
2	To convert a galvanometer into an ammeter, we connect with it a	A. Shunt resistance B. Low value parallel C. Low value by pass resistor D. All of above
3	Grid in cathode ray oscilloscope controls.	A. Number of electron B. Temperature of filament C. Frequency of electron D. Energy of electrons
4	The photoelectric effect predicts that light is made of	A. Photons B. Neutrons C. Protons D. None of these
5	If D.C. input for step up transformer, the output is	A. Zero B. High C. Low D. May be high or low
6	Two up quarks and one down quarks makes a	A. Proton B. Newton C. Photon D. Meson
7	Magnetic induction can be measured in units of.	A. Tesla B. Gauss C. Weber/m2 D. All of the above
8	The solids are classified as	A. Polymeric B. Amorphous C. Crystalline D. All of above
9	Energy density in an inductor is.	A. Directly proportional to magnetic field B. Directly proportional to square of magnetic field C. Inversely proportional to magnetic field D. Inversely proportional to square of magnetic field
10	The electrons in one coulomb change is equal to.	A. 1.6 x 10 ⁻¹⁹ B. 2.25 x 10 ⁻¹⁹ C. 6.25 x 10 ⁻¹⁸ D. 6.25 x 10 ⁻¹⁹
11	Most of the electrons in the base of an NPN transistor flow:	A. Out of the base lead B. Into the collector C. Into the emit D. Into the base supply
12	e.m.f is the conversion of energy into electrical energy	A. Chemical B. Solar C. Light D. None of these
13	The Balmer series is obtained when all the transition of electrons terminate on	A. 1st orbitB. 2nd orbitC. 3rd orbitD. 4th orbit
14	The phase angle of a series RLC circult at resonant frequency is	A. 1/2 B. sigma C. Zero D. sigma /4

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15	At high frequency, the current through a capacitor is	A. Small B. Infinity C. Zero D. Large
16	Compton's effect is associated with	A. gamma rays B. Beta rays C. X rays D. Positive rays
17	The magnetic field inside solenoid is given:	A. μ _∘ nl ² B. μ _∘ nl C. μ _∘ n/1 ² D. μ _∘ l/n
18	The central region of a transistor is called.	A. Emitter B. Collector C. Base D. Neutral
19	If a charge Q flows through any cross section of the conductor in time t, the current I is	A. I=Qt B. I= Q/t C. I= Q*t D. I= Q-t
20	5 A of current flows through a conductor in 2 minutes, charge in the wire is.	A. 500 C B. 600 C C. 400 C D. 10 C