

Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Lenz's law is a consequence of the law of conservation of	A. Charge B. Momentum C. Energy D. Angular momentum
2	For accurate measurement of current through a circuit, the resistance of ammeter should be	A. Very small B. Very high C. Neither small nor high D. None of the above
3	The electric field created by positive charge is:	A. Radially outward B. Circular C. Radially inward D. Zero
4	Which one of the following is correct	A. D. All of above
5	Production of x rays is reverse process of	A. Photo electric effect B. Compton effect C. An nihilation D. Pair production
6	When a very high energy modeules such as y radiation interact with matter, the phenomenon arising will be.	A. Photoelectric effect B. Compton effect C. Pair production D. Annihilation of matter
7	Heat generated by a 40 W bulb in one hour is.	A. 140 J B. 1440 J C. 14400 J D. 144000 J
8	Drift velocity of electrons is.	A. 10 ⁻¹ m/s B. 10 ⁻² m/s C. 10 ⁻³ m/s D. 10 ³ m/s
9	Radius of first Bohr's orbit is.	A. 0.053 nm B. 0.053 mm C. 0.053 micro meter D. 0.053 m
10	Curie is unit of.	A. Conductivity B. Binding energy C. <div>Radioactivity</div> D. Resistivity
11	The combined effect of resistance and reactance in circuit is called:	A. Impedance B. Inductance C. Capacitance D. None of above
12	Donor impurities are	A. Germanium, silicon B. Indium, galium C. Antimony, arsenic D. Diamond, carbon
13	The output voltage of a rectifier is.	A. Smooth B. Pulsating C. Alternating D. Per featly direct
		A. Current leads voltage by 90 B. Current lags behind voltage by
14	In A.C circuit through a capacitor which one is:	90 ⁻ C. Both will be in phase D. None of above
15	The field is strong and uniform.	A. Inside the solenoid B. Surrounding of solenoid externally C. Perpendicular to solenoid D. All of above

16	Self induction does not depend on	A. Number of turns of the coil B. Area of cross section of the core C. Nature of material of the core D. Current through inductor
17	Cosmic rays consist of	A. ProtonsB. High energy photonsC. PositronD. All of above
18	In CRO, the output waveform of time base generator is	A. Circular B. Square C. Sinusoidal D. Saw-toothed
19	A device that shows the visible path of ionizing particle is called.	A. GM counterB. Solid state detectorC. ScalarD. Wilson cloud chamber
20	The thermistors convert changes of temperature into.	A. Light energy B. Electric voltage C. Heat D. Sound