

## Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	James chadwick discovered:	A. Proton B. Positron C. Neutron D. Electron
2	K $\alpha$ -Xrays are produced due to transition of electron from.	A. K to L shell B. L to K shell C. M to K shell D. M to L shell
3	The potential difference across depletion region in case of Si is	A. 0.6 volt B. 0.9 volt C. 0.7 volt D. 0.2 volt
4	The particles which do not experience strong force are called.	A. Baryons B. Hadrons C. Mesons D. Laptons
5	A rheostat can operate as.	A. Amplifier B. Potential divider C. Oscillator D. Transformer
6	If $I_0$ is the peak value of current, then its root mean square value is given by	B. $2 I_{\text{sub}0}$ C. $I_{\text{sub}0}$ D. $0.7 I_{\text{sub}0}$
7	The brightness of the spot of CRO screen is controlled by.	A. Anode B. Cathode C. Grid D. Deflecting plates
8	Force per unit charge is called:	A. Gravitational force B. Electric field intensity C. Coulomb's force D. None of these
9	The unit of radioactivity is:	A. Bequerel B. Henry C. Pascal D. Joule
10	What is difference is isotopes	A. Number of protons B. Number of neutrons C. Number of electrons D. Charge number
11	The sensitivity of galvanometer directly depends upon	A. Magnetic field B. Area of coil C. Both a and b D. None of a, b, c
12	Doping is made comparatively larger in	A. Emitter B. Base C. Collector D. P -type semi conductor
13	Flux through any closed surface is:	A. $1/\epsilon^2$ times the total charge enclosed in it B. $\epsilon^2$ time the total charge enclosed in it C. $1/\epsilon$ ties the total charge enclosed in ti D. $\epsilon$ time the total charge enclosed in it
14	Torque is produced in a current carrying coil when it is placed in a	A. Magnetic field B. Electric field C. Gravitational field D. Nuclear field
		A. A helix

15	When charge particle enter perpendicular to magnetic field, the path followed by it is:	B. A circle C. Straight line D. Ellipes
16	If a charged body is moved against the electric field it will gain.	A. P.E. B. K.E. C. Mechanical energy D. Electrical potential energy
17	Electromagnetic induction obeys law of conservation	A. Charge B. Energy C. Momentum D. Mass
18	Study of hydrogen visible spectrum in	A. 1886 B. 1887 C. 1895 D. 1885
19	The impurity in the germinium is usually in the ratio of	A. $1:10^6$ B. $1:10^4$ C. $1:10^8$ D. $1:10^{10}$
20	The Direction of induced current is always so as to oppose the change which causes the current, is:	A. Faraday's law B. Lenz's law C. Ohm's law D. Kirchhoff' s1ast rule