

## Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Some charge is being given to a conductor. Then its potential	A. Its maximum at surface B. Its maximum at Its maximum at center C. Is remain same throughout the conductor D. Is maximum somewhere between surface and centre
2	The magnetic force is simply a	A. Reflecting force B. Deflecting force C. Restoring force D. Gravitational force
3	Life time of metastable states is	A. $10^{-6}$ sec or more B. $10^{-3}$ sec or more C. $10^{-5}$ sec or more D. None of these
4	In photocopier, then drum is coated with layer of.	A. Aluminium B. Copper C. Selenium D. silver
5	X-rays were discovered by	A. Curie B. Henry Becquerel C. Rontgen D. None of these
6	The wave form of alternating voltage is a	A. Cotangent curve B. Cosine curve C. Sine curve D. Tangent curve
7	Conversation of only one half of A.C. into D.C. is called.	A. Half wave amplification B. Wave amplification C. Half wave electrification D. Half wave rectification
8	In order to increase sensitivity of galvanometer the value of C may be	A. Increase B. Decrease C. Neither increase nor decrease D. Remain same
9	the core of transformer is laminated so reduce.	A. Magnetic loss B. Hysteresis loss C. Eddy current loss D. Electric loss
10	The toner of printer is given	A. Positive charge B. Negative charge C. Neutral D. First positive then negative
11	Force on a charged particle is zero when projected at angle with magnetic field.	A. $0^\circ$ B. $90^\circ$ C. $180^\circ$ D. $270^\circ$
12	For normal use:	A. Emitter base function is reversed biased B. Collector base junction is reserved biased C. Emitter base junction is forward biased D. Both c and b
13	An inductor of 1 henry inductance has a reactance 500 ohms, then the frequency required is approximately	A. 50 Hz B. 100 Hz C. 80 Hz D. 120 Hz
14	Gauss's law can only be applied to.	A. A curved surface B. A flat surface C. A closed surface D. A surface

		D. A surface of any shape
15	At high frequency the value of reactance of capacitor will be.	A. Small B. Zero C. Large D. Infinite
16	The north pole of a magnet is brought near a metallic ring. The direction of induced current in the ring will be:	A. Antoclockwise B. Clockwise C. First Clockwise and then Antoclockwise D. First anticlockwise and then Clockwise
17	The most useful tracer is.	A. Strontium -90 B. Iodine -31 C. Cobalt -60 D. Carbon -14
18	Compton effect proves.	A. Wave nature of radiation B. Wave nature of particle C. Dual nature of particle D. Particle nature of radiations
19	LDR becomes necessary when op amp is used as a	A. Night switch B. Inverter C. Comparator D. Rectifier
20	The P.D develop in case of silicon is:	A. 0.7V B. 0.3V C. 0.5V D. 0.9V