

Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	The Grid 'G' in cathode ray oscilloscope.	A. Accelerate as well as focus electron beam B. Control no. of electrons beam C. Is at - Ve potential with respect to cathode. D. Both d and b
2	A current generator device converts:	A. Mechanical energy into chemical energy B. Chemical energy into electrical energy C. Mechanical energy into electrical energy D. Both b and c
3	One henry is equal to	A. 1 ohm x 1 sec B. 1 ohm x 1 hertz C. 1 ohm x 1 metre D. All of above
4	CRO works by deflecting the beam of electron as they pass through	A. Uniform magnetic field B. Uniform electric field between two sets of parallel plates C. Non-uniform magnetic field D. None of these
5	In LR circiut which one of the following statements is correct?	A. L and R opposes each other B. R value increases with frequency C. The inductive reactance increases with frequency D. The inductive reactance decreases with frequency
6	In extrinsic semiconductors doping is of the order of.	A. 1 atom to 10 ⁴ B. 1 atom to 10 ⁶ C. 1 atom to 10 ⁸ D. 1 atom to 10 ³
7	Study of hydrogen visible spectrum in	A. 1886 B. 1887 C. 1895 D. 1885
8	X-rays are similar in nature to.	A. Gama rays B. Beta rays C. Alpha rays D. Cathode rays
9	A.C. can be converted into D.C. by	A. An oscillator B. Detector C. An amplifier D. Rectifier
10	Average value of current and voltage over a complete cycle is.	A. Positive B. Negative C. Zero D. Infinite
11	Grid in cathode ray oscilloscope controls.	A. Number of electron B. Temperature of filament C. Frequency of electron D. Energy of electrons
12	In current carrying long solenoid the magnetic field produced does not depend upon.	A. The radius of solenoid B. Number of turns per unit length C. Current flowing through solenoid D. All of the above
13	LDR becomes necessary when op amp is used as a	A. Night switch B. Inverter C. Comparator D. Rectifier
14	The special theory of relativity based on.	A. One postulate B. Two postulates

		C. Three postulates D. Four postulates
15	The sensitivity of Galvanometer can be increased by:	A. Increasing C/BAN factor B. Decreasing C/BAN factor C. Increasing angle θ D. All of above
16	Reverse current flows due to	A. Majority charge carriersB. Minority charge carriersC. ElectronsD. Holes
17	The following gas was identified in the sun using spectroscopy	A. Hydrogen B. Helium C. Carbon D. Nitrogen
18	The middle region of electric field is:	A. Maximum field spotB. Zero field spotC. Perpendicular field spotD. All of above
19	In A.C. inductor behaves as	A. Capacitor B. Resistor C. Commutator D. Transistor
20	The P.D develop in case of germanium is:	A. 0.3 B. 0.7 C. 0.5 D. 0.9