

Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Automatic function of street light can be done by the use of.	A. Inductor B. Rectifier C. Comparator D. emf
2	A light emitting diode emits light only when	A. Reverse biased B. Forward biased C. Unbiased D. None of these
3	For an atom of hydrogen atom the radius of the first orbit is given by:	A. $\frac{h^2}{4m_e}$ B. $\frac{m_e}{4h^2}$ C. $\frac{h^2}{4\pi^2 m_e}$ D. $h^2 m_e$
4	In three phase A.C. generator the phase difference between each pair of coil is.	A. 45° B. 90° C. 120° D. 60°
5	One of the applications of electrostatic induction is	A. Laser B. Photocopier C. X ray machine D. Wilson cloud chamber
6	Which is the most refined form of matter.	A. Smoke B. Fog C. Light D. Electron
7	The power factor of RL series circuit is.	A. 0 B. 1 C. Less than 1 D. More than one
8	When platinum wire is heated, it changes to cherry red at temperature.	A. 500°C B. 900°C C. 1100°C D. 1300°C
9	An ammeter is an electrical instrument which is used to measure.	A. Voltage B. Current C. Resistance D. None
10	The work done in bringing a unit positive charge from infinity to that point in an electric field is called.	A. Potential B. Potential difference C. Absolute potential D. All of these
11	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. Kirchoff's 1st rule
12	When a wire of length 'l' and resistance R is cut into two equal parts then resistivity of each part.	A. is doubled B. Remains the same C. Is halved D. Is one fourth
13	Unit (S.I.) of temperature coefficient of resistivity of a material is	A. K B. K^{-1} C. $^\circ\text{C}$ D. K^{-2}
14	Torque on a current carrying coil	A. $\tau = IBA \cos$ B. $\tau = ILB \sin\alpha$ C. $\tau = IBA \sin\alpha$ D. $\tau = ILB \cos\alpha$

15	Eddy current is produced when:	A. A metal is light in varying magnetic field B. A metal is kept in steady magnetic field C. A circular coil is placed in a steady magnetic field D. A current is passed through a circular coil
16	X-rays were discovered by	A. Curie B. Henry Becquerel C. Rontgen D. None of these
17	The thermistors convert changes of temperature into.	A. Light energy B. Electric voltage C. Heat D. Sound
18	Specific resistance of a material depends upon.	A. Length B. Area C. Temperature D. Both A and B
19	The existence of positron was discovered in:	A. 1929 B. 1928 C. 1931 D. 1933
20	The photo copying process is called	A. Xerography B. Inkjet Printer C. Both (a) and (b) D. None of these