

Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	The value of e/m is smallest for	A. Proton B. Electron C. Beta particle D. Positron
2	At high frequency the value of reactance of capacitor will be.	A. Small B. Zero C. Large D. Infinite
3	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
4	A diode characteristics curve is a plot between	A. Current and resistance B. Voltage and time C. Voltage and current D. Current and time
5	Thermosouple is an arrangement of two different metals:	A. Two convert heat energy into electrical energy B. To produce more heat C. To convert heat energy into chemical energy D. To convert electrical energy into heat energy
6	The Lenz's law is also statement of:	A. Law of conservation of mass B. Law of conservation of charge C. Law of conservation of energy D. Law of conservation of momentum
7	Binding energy for deuteron nucleus is given by	A. 2.8 MeV B. 2.23 MeV C. 2.28 MeV D. 2.25 MeV
8	First spectral series of hydrogen atom was discovered by	A. Lyman B. Rydberg C. Balmer D. Paschen
9	Laser is a beam of light which is	A. Monochromatic B. Coherent C. Unidirectional D. All of these
10	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
11	The value of Stefan is constant is:	A. $4.57 \times 10^{-8} \text{ m}^2 \text{ k}^2$ B. $5.67 \times 10^{-8} \text{ W m}^2 \text{ k}^{-4}$ C. $6.67 \times 10^{-11} \text{ W m}^2 \text{ k}^4$ D. $7.45 \times 10^{-9} \text{ m}^2 \text{ k}^3$
12	The conductors having the conductivity of the order of	
13	A° is the unit of:	A. Energy B. Length C. Nuclear energy D. Work
		A. Lenz's law

14	A.C. Generator based upon the	B. Maxwell's relation C. Faradays law of electromagnet induction D. Mutual induction
15	Electro magnetic waves emitted from radio antenna are.	A. Stationary B. Longitudinal C. Transvers D. Both a and b
16	The numerical value of Compton wavelength is equal to	A. 3.43×10^{-12} m B. 1.43×10^{-12} m C. 2.43×10^{-12} m D. 0.43×10^{-12} m
17	Concept of the electric field lines is introduced by	A. Coulomb B. Faraday C. Einstein D. Joseph henry
18	The product of resistance and capacitanc eis.	A. Velocity B. Force C. Acceleration D. Time
19	Various types of cancer are treated by	A. Carbon -14 B. Nickel -63 C. Cobalt -60 D. Strontium -90
20	$B^2/2\mu_0$ is the expression of.	A. Lenz's law B. Magnetic energy C. Magnetic energy density D. Back emf