

Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	For computation of electric flux, the surface area should be.	A. Parallel B. Flat C. Curved D. Spherical
2	The electrons in one coulomb charge is equal to.	A. 1.6×10^{-19} B. 2.25×10^{-19} C. 6.25×10^{-18} D. 6.25×10^{-19}
3	When a conductor moves across a magnetic field an emf is set up this emf is called.	A. Variable emf B. Constant emf C. Back emf D. Induced emf
4	If the separation between the plates of a capacitor is doubled then its capacitance become.	A. Double B. Half C. One fourth D. Three times
5	The potential difference between the head and tail of an electrical to	A. 600 Volt B. 700 Volt C. 800 Volt D. 900 Volt
6	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
7	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
8	The reactance is the ratio of	A. V_{rms}/I_{rms} B. $V_{rms} \times I_{rms}$ C. I_{rms}/V_{rms} D. $V_{max} \times V_{rms}$
9	The Unit of decay constant.	A. Second B. (second) ⁻¹ C. m ⁻¹ D. mk
10	Main reason for world wide use of A.C. is	A. It is cheaper B. Transmitted C. Both a and b D. Reaches in short time
11	When 10 V are applied to an A.C circuit, the current flowing in it is 100 mA. Its impedance is.	A. 100 Ohm B. 10 Ohm C. 1000 Ohm D. 1 Ohm
12	An AVO meter can also be called as.	A. Digital multimeter B. Digital voltmeter C. Digital ammeter D. Digital ohm meter
13	When a PN-Junction is reverse biased the depletion region is.	A. Widened B. Narrowed C. Normal D. None of these
14	The unit of Planck's constant 'h' is.	A. JC B. J/C C. JS D. J/S
15	Lenz's law was given by Heinrich Lenz in:	A. 1894 B. 1904 C. 1854

16	In an electronic transition atom cannot emit.	A. Infrared radiations B. Visible radiations C. Ultraviolet radiations D. Gama radiations
17	A.C. can be converted into D.C. by	A. An oscillator B. Detector C. An amplifier D. Rectifier
18	Which is not true for X rays	A. X rays are not defected by electric field B. X rays are polarized C. X rays consist of electromagnetic waves D. X rays can be diffracted by grating
19	Unit of decay constant λ is:	A. ms B. m^{-1} C. m D. S^{-1}
20	The quantity of U in the naturally occurring uranium is.	A. 0.2% B. 0.3% C. 0.7% D. 0.4%