

Physics ICS Part 2 Chapter 12 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 1eV =	A. $1.6 \times 10^{-19} \text{C}$ B. $1.6 \times 10^{-11} \text{J}$ C. $1.6 \times 10^{-19} \text{J}$ D. $1.6 \times 10^{-11} \text{C}$
3	The quantity time constant RC has units of.	A. Charge B. Time C. Capacitance D. Resistance
4	Electric potential at a distance "r" from "q" is:	A. $V = \frac{1}{4\pi\epsilon_0} \frac{q}{r^2}$ B. $V = \frac{1}{4\pi\epsilon_0} \frac{q}{r^2}$ C. $V = \frac{1}{4\pi\epsilon_0} \frac{q}{r}$ D. $V = \frac{1}{4\pi\epsilon_0} \frac{q}{r^2}$
5	Electric intensity due to an infinite sheet of charge is:	A. $\frac{\sigma}{2\epsilon_0}$ B. $\frac{\sigma}{\epsilon_0}$ C. $\frac{\sigma}{2\epsilon_0}$ D. none of these
6	Selenium is	A. Insulator is dark B. Insulator in light C. Conductor in dark D. Semi conductor in dark
7	Closeness of the electric field lines is the measure of.	A. Direction of field B. Strength of field C. Potential difference D. Uniformity of field
8	If the medium between the charges is not free space then electrostatic force will be	A. Increase B. Decrease C. Remain same D. None of these
9	Farad is defined as	A. "Coulomb/Volt" B. Ampere /Volt C. Coulomb /Joule D. Volt/Coulomb
10	If a charged body is moved against the electric field it will gain.	A. P.E. B. K.E. C. Mechanical energy D. Electrical potential energy
11	Force per unit charge is called:	A. Gravitational force B. Electric field intensity C. Coulomb's force D. None of these
12	The electrons in one coulomb change is equal to.	A. 1.6×10^{-19} B. 2.25×10^{-19} C. 6.25×10^{-18} D. 6.25×10^{-19}
13	Electron volt is the unit of.	A. Potential B. Potential difference C. Electric current D. Electric energy
14	For which material medium, force between two charged particles is maximum.	A. Ammonia B. Germanium C. Mica D. Teflon
15	Coulomb /volt is called.	A. Farad B. Ampere C. Joule D. ...

		D. Henry
16	The SI unit of relative permittivity is.	A. Fm^{-1} B. $C^2N^{-1}m^{-2}$ C. Nm^2C^{-2} D. No unit
17	A changing electric flux creates.	A. Electric fields B. Gravitational C. Magnetic field D. Electric charge
18	The fact that electric field exist in space around an electrical charge is	A. Electrical property B. Gravitational property C. Intrinsic property of nature D. Extrinsic property of nature
19	The process of copying is:	A. Axillugraphy B. Chromatography C. Xerography D. Spectrography
20	Electric flux is a	A. Vector quantity B. Scalar quantity C. Both (a) and (b) D. None of above