

Physics ICS Part 2 Chapter 12 Online MCQ's Test

Sr	Questions	Answers Choice
1	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. $1.6 \times 10^{-11}\text{C}$
2	Identify the practical application of electrostatic force.	A. Inkjet printer B. x rays C. Laser D. A.C. Generator
3	One electron volt is equal to.	A. $1.6 \times 10^{-19}\text{ Joule}$ B. $1.6 \times 10^{-19}\text{Coulomb}$ C. $1.6 \times 10^{-12}\text{N}$ D. $1.6 \times 10^{18}\text{Joule}$
4	Capacitance of a capacitor does not depend upon.	A. Distance between plates B. Area of plates C. Electric field between plates D. Medium between plates
5	If the distance between two charges is halved and charges are also doubled, then force between them will be.	A. Two time B. Four time C. Eight time D. Sixteen time
6	The product of resistance and capacitance is.	A. Velocity B. Force C. Acceleration D. Time
7	S.I unit of strength of electric field is	A. J/C B. C/V C. V/C D. N/C
8	Electric flux is a	A. Vector quantity B. Scalar quantity C. Both (a) and (b) D. None of above
9	The capacitance of a capacitor depends upon.	A. Thickness of plates B. Charges on the plates C. Voltage applied D. Geometry of the capacitor
10	The negative of the potential gradient is	A. Electrostatic force B. Electromotive force C. Potential difference D. Electric field intensity
11	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
12	Net charge enclosed by Gaussian surface is:	A. zero B. maximum C. depend on intensity D. none of all
13	Which one of the following is correct	A. D. All of above
14	A capacitor is perfect in insulator for.	A. Alternating current B. Sparking current C. Eddy current D. Direct current
15	the force between two charge is 28 N. If paraffin wax of relative permittivity 2.8 is introduced between the charges as medium, then the force reduces to.	A. 25 N B. 20 N C. 10 N D. 15 N
		A. Increase the electrostatic force B. Decrease the electrostatic force C. No effect on electrostatic force D. None of these

16	Presence of dielectric always.	B. Reduces the electrostatic force C. Do not effect electrostatic force D. Doubles the electrostatic force
17	A changing electric flux creates.	A. Electric fields B. Gravitational C. Magnetic field D. Electric charge
18	Presence of dielectric between two charges always.	A. Reduces the electric force B. Enhance the electric force C. Does not effect electric force D. Double the electric force
19	NC-1 is the SI unit is	A. Force B. Charge C. Current D. Electric intensity
20	Some charge is being given to a conductor. Then its potencial	A. Its maximum at surface B. Its maximum at Its maximum at center C. Is remain same throughout the conductor D. Is maximum somewhere between surface and centre