

Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	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
2	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
3	The net charge on a capacitor magnitude of charge of charge	A. Infinity B. $2q$ C. $Q/2$ D. Zero
4	Which material should be inserted between the plates of a capacitor in order to increase its capacitance.	A. Copper B. Mica C. Iron D. Tin
5	Coulomb /volt is called.	A. Farad B. Ampere C. Joule D. Henry
6	A capacitor is perfect in insulator for.	A. Alternating current B. Sparking current C. Eddy current D. Direct current
7	Charge carriers in electrolytes are.	A. Protons B. Electrons C. Holes D. Positive and Negative ions
8	A capacitor stores energy in the form of.	A. Magnetic field B. Heat energy C. Electrical energy D. Mechanical energy
9	Farad is defined as	A. "Coulomb/Volt B. Ampere /Volt C. Coulomb /Joule D. Volt/Coulomb
10	In Millikan's oil drop experiment a charged particle of mass 'm' is in equilibrium in an will	A. Zero B. $g/2$ C. g D. $2g$
11	The force of Neutron due to field of 10^2 N/C is.	A. $1.6 \times 10^{-17} \text{ N}$ B. $1.6 \times 10^{-19} \text{ N}$ C. Zero D. $1.6 \times 10^{-21} \text{ N}$
12	Charge on electron is	A. $1.6 \times 10^{-19} \text{ C}$ B. $1.6 \times 10^{-19} \text{ C}$ C. $1.6 \times 10^{-17} \text{ C}$ D. $1.6 \times 10^{17} \text{ C}$
13	The amount of energy equal to $1.6 \times 10^{-18} \text{ J}$ is called.	A. One volt B. One milli volt C. One electron volt D. One mega electron volt
14	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. $1.6 \times 10^{18} \text{ Joule}$
15	Electron volt is the unit of.	A. Potential B. Potential difference C. Electric current D. Electric energy

16	Electro encephalon graph is the diagnostic test for the working of.	A. Eye B. Heart C. Brain D. Lungs
17	The absolute electric potential at a point distance 20 cm from a charge of 2 uC is.	A. 9×10^2 V B. 9×10^3 V C. 9×10^4 V D. 9×10^5 V