

Physics ICS Part 2 Chapter 12 Online MCQ's Test

Sr	Questions	Answers Choice
1	Presence of dielectric always.	A. Increase the electrostatic force B. Reduces the electrostatic force C. Do not effect electrostatic force D. Doubles the electrostatic force
2	The photo copying process is called	A. Xerography B. Inkjet Printer C. Both (a) and (b) D. None of these
3	The work done in bringing a unit positive charge from infinity to that point in an electric field is called.	A. Potential B. Potential difference C. Absolute potential D. All of these
4	A capacitor is charged with a battery and then it is disconnected. A slab of dielectric is now inserted between the plates, Then	A. The charge in the plates reduces and potential difference increase B. Potential difference between the plates increase, stored energy decreases and charge remains the same C. Potential difference between the plates decreases, stored energy decreases and charge remains unchanged D. None of them
5	In photocopier, then drum is coated with layer of.	A. Aluminium B. Copper C. Selenium D. silver
6	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}
7	If the distance between the two charged bodies is halved, the force between them becomes.	A. Double B. Half C. Four times D. One times
8	The process of copying is:	A. Axilligraphy B. Chromatography C. Xerography D. Spectrography
9	The electric field created by positive charge is	A. Radially inward B. Zero C. Circular D. Radially outward
10	The amount of energy equal to 1.6×10^{-18} J is called.	A. One volt B. One milli volt C. One electron volt D. One mega electron volt
11	For which material medium, force between two charged particles is maximum.	A. Ammonia B. Germanium C. Mica D. Teflon
12	When the medium is insulator the electrostatic force between the charges is	A. Decreased B. Zero C. Increased D. None of above
13	The capacitance of a capacitor depends upon.	A. Thickness of plates B. Charges on the plates C. Voltage applied D. Geometry of the capacitor
14	The fact that electric field exist in space around an electrical charge is	A. Electrical property B. Gravitational property C. Intrinsic property of nature

15 Charge carriers in electrolytes are.

A. Protons
B. Electrons
C. Holes
D. Positive and Negative ions

16 Charge on electron is

A. 1.6×10^{-19} C
B. 1.6×10^{19} C
C. 1.6×10^{-17} C
D. 1.6×10^{17} C

17 A changing electric flux creates.

A. Electric fields
B. Gravitational
C. Magnetic field
D. Electric charge

18 The $1eV =$

A. 1.6×10^{-19} C
B. 1.6×10^{-11} J
C. 1.6×10^{-19} J
D. 1.6×10^{-11} C

19 The net charge on a capacitor magnitude of charge of charge

A. Infinity
B. $2 q$
C. $Q/2$
D. Zero

20 Identify the practical application of electrostatic force.

A. Inkjet printer
B. x rays
C. Laser
D. A.C. Generator
