

Physics ICS Part 2 Chapter 12 Online MCQ's Test

Sr	Questions	Answers Choice
1	When the medium is insulator the electrostatic force between the charges is	A. Decreased B. Zero C. Increased D. None of above
2	An ECG records the _____ between points on human skin generated by electric process in the heart.	A. Heart beat B. Pulse rate C. Pressure D. Voltage
3	Gauss's law can only be applied to.	A. A curved surface B. A flat surface C. A closed surface D. A surface of any shape
4	Electric field intensity at a point is defined by the relation.	A. $E = q/F$ B. $E = F/q$ C. $E = qF$ D. $E = F/q^2$
5	Special organs called ampullae of Lorenzini are present in.	A. Bats B. Cats C. Dogs D. Sharks
6	For which material medium, force between two charged particles is maximum.	A. Ammonia B. Germanium C. Mica D. Teflon
7	The net charge on a capacitor magnitude of charge of charge	A. Infinity B. $2q$ C. $Q/2$ D. Zero
8	Net charge enclosed by Gaussian surface is:	A. zero B. maximum C. depend on intensity D. none of all
9	A capacitor stores energy in the form of.	A. Magnetic field B. Heat energy C. Electrical energy D. Mechanical energy
10	The $1\text{eV} =$	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. $1.6 \times 10^{-11}\text{C}$
11	Electric intensity due to an infinite sheet of charge is:	A. $\frac{\partial}{2\epsilon}$ B. $\frac{\partial}{r\epsilon}$ C. $\frac{\partial}{r2\epsilon}$ D. none of these
12	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
13	The toner of printer is given	A. Positive charge B. Negative charge C. Neutral D. First positive then negative
14	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. $1.6 \times 10^{-21}\text{N}$
15	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

16	An electric field cannot deflect	A. X-rays B. α -particles C. β -particles D. None of these
17	The photo copying process is called	A. Xerography B. Inkjet Printer C. Both (a) and (b) D. None of these
18	Due to polarization, electric field E.	A. Increase B. Decrease C. First increases then decreases D. Remain same
19	The electric field lines are closer where the field is	A. Strong B. Weak C. Uniform D. Variable
20	Which one of the following is correct	A. $\langle br \rangle$ D. All of above
