

Physics FSC Part 2 Chapter 12 Online MCQ's Test

Sr	Questions	Answers Choice
1	The SI unit of relative permittivity is.	A. Fm-1 B. C2N-1m-2 C. Nm2C-2 D. No unit
2	In photocopier, then drum is coated with layer of.	A. Aluminium B. Copper C. Selenium D. silver
3	The electric field created by positive charge is:	A. Radially outward B. Circular C. Radially inward D. Zero
4	The electric field lines are closer where the field is	A. Strong B. Weak C. Uniform D. Variable
5	Selenium is	A. Insulator is dark B. Insulator in light C. Conductor in dark D. Semi conductor in dark
6	The "toner" of photocopier is given:	A. Positive charge B. Negative charge C. Remains neutral D. All of above
7	If a charge body moved against the electric field it will again	A. Potential energy B. K.E C. Mechanical Energy D. Electric potential energy
8	The photo copying process is called	A. Xerography B. Inkjet Printer C. Both (a) and (b) D. None of these
9	Two parallel, metal plates are a distance 8.00 m apart. The electric field between the plates is uniform, Directed toward the right , and has a magnitude of 4.00 N/C. If an ion of charge +2e is released at rest at the left-hand plate. What is its kinetic energy when reaches the right-hand plate?	A. 4 eV B. 64 eV C. 32 eV D. 16 eV
10	Photo copier and inkjet printer are the applications of	A. Magnetism B. Electricity C. Electro magnetism D. Electrostatics
11	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
12	Intensity of field inside a hollow charged sphere will be.	A. Negative B. Unaffected C. Zero D. Maximum
13	if time constant in RC series circuit is small, then capacitor is charged or discharged.	A. Slowly B. Rapidly C. At constant rate D. Intermittently
14	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
15	Special organs called ampullae of lorenzenite are present in.	A. Bats B. Cats C. Dogs D. Sharks

16	Some charge is being given to a conductor. Then its potential	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
17	When the medium is insulator the electrostatic force between the charges is	A. Decreased B. Zero C. Increased D. None of above
18	The electrical intensity is equal to:	A. $-\Delta r/\Delta v$ B. $\Delta v/\Delta r$ C. $\Delta v/\Delta v$ D. $-\Delta v/\Delta r$
19	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
20	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
