

Physics Fsc Part 1 Chapter 9 Online Test

Sr	Questions	Answers Choice
1	When a dielectric material is placed in an electric field it	A. ☐ Conducts B. ☒ Polarizes C. ☐ Magnetizes D. ☐ undergoes electrolysis
2	Range of electric force is.	A. ☐ Small B. ☒ Large C. ☐ Medium E. ☐ None
3	Specific resistanc of a conductor depends upon is.	A. ☒ Matrial B. ☐ Length C. ☐ Area E. ☐ All
4	Gaussian surface is	A. ☐ Imaginary B. ☐ Closed C. ☒ Both a and b D. ☐ Real
5	For apositive charge electric field lines are directed.	A. ☐ Towards charge B. ☒ Away from charge C. ☐ Botha a and b D. ☐ None
6	The negative of potential gradient is.	A. ☐ Potential energy B. ☒ Electric field intensity C. ☐ Electromotive force D. ☐ Electrostatic force
7	A heat sensitive resisstor is called.	A. ☒ Thermistor B. ☐ Variable resistor C. ☐ Fixed resistor D. ☐ None
8	1.6×10^{-19} J is always equal to.	A. ☐ 1 farad B. ☐ 1 coulomb C. ☐ Newton D. ☒ Electron -volt
9	A uniform electric field is represented by a set of lines which are.	A. ☒ Parallel and equally spaced B. ☐ Converging C. ☐ Diverging D. ☐ Circular
10	Which can be used as unit of energy.	A. ☒ watt sec B. ☐ Nm C. ☐ VC D. ☐ VA
11	Which of the following has a positive temperatur coeffiient.	A. ☒ Iron B. ☐ Carbon C. ☐ Silicon D. ☐ Germanium
12	Electric lines of force are.	A. ☐ Real B. ☒ Imaginary C. ☐ Complex D. ☐ None of these
13	Value of K depends upon	A. ☐ System of unit B. ☐ Nature of medium C. ☒ Botha a and b D. ☐ None
14	Value of dielectric consgtant ϵ_r for water is	A. ☐ 25 B. ☒ 78.5 C. ☐ 2.1 D. ☐ 3.40
		A. ☐ Both positive and negative charges are present B. ☐ Equal quantity of both positive

15	Nautral zone in electric field of two similar charge is region where.	and negative charges are present C. An electric dipole exists D. No electric ifeld line passes
16	If a resistor is traversed in the direction of current, the potential change is.	A. Negative B. Positive C. Zero D. Infinite
17	If the resistivity of a material is large then it is.	A. Poor Conductor B. Conductor C. Good conductor D. Insulator
18	The electric constnat of rubber is.	A. 2.94 B. 2 C. 2.1 D. 3.40
19	Electron -vold is a unit of.	B. Energy C. Potential D. Capacitance E. Electric intensity
20	Flux passing through a closed surface does not depend upon	A. Geometry of surface B. Medium C. Charge D. All