Physics ICS Part 1 Chapter 9 Online Test

Sr	Questions	Answers Choice
1	An electric field can deflect.	A. Charge dparticles B. Neutrons C. X-rays D. Beta Rays
2	Which of the following has a positive temperatur coeffiicent.	A. Iron B. Carbon C. Silicon D. Germanium
3	If a resistor is traversed in the direction of current, the potential change is.	A. Negative B. Positive C. Zero D. Infinite
4	Two pont charges A and B are separated by 10 m. If the distance between tehm is reduced to 5 m. the force exerted on each.	A. Decrease to half its original value B. Increase to twice the original value C. Increase four times to its original value D. Decreases to one quarer of its original value
5	Nautral zone in electric field of two similar charge is region where.	A. Both positive and negative charges are present B. Equal quantity of both positive and negative charges are present C. An electric dipole exists D. No electric ifeld line passes
6	The potential gradient is a.	A. Scalar B. Power C. Vector D. Energy
7	Electric lines of force are.	A. Real B. Imaginary C. Complex D. None of these
8	The negative of potential gradient is.	A. Potential energy B. Electric field intensity C. Elelctromotive force D. Electrostataic force
9	The redius of curvature of the path of a charged particle in a uniform magnetic field is directly proportiional to.	A. The particle's charge B. The particle's momentum C. The partcl's energy D. The flux density of the field
10	The vlaue of ralative parmittivity e r. for various dielectric is always.	A. Larger than unity B. Less than unity C. Equal to unity D. Slightly less than unity
11	Value of K depends upon	A. System of unit B. Nature of medium C. Botha a and b D. None
12	Electric bulb does not obey Ohm's law becasue	A. Temperature changes B. Resistance changes C. Heat is prodcued D. All
13	The electric field present inside ahollow charged sphere is.	A. Zero B. Maximum C. Constant D. Variable

14	On moving a charge of 20 Coulomb by 2 cm. 2 J of work is done, then the potential differecne between the points is.	A. 0.1 V B. 8 V C. 2 V D. 0.5 V
15	Range of electric force is.	A. Small B. Large C. Medium E. None
16	A heat sensitive resisstor is called.	A. Thermistor B. Variable resistor C. Fixed resistor D. None
17	Unti of electric intensity is.	A. Vm-1 B. NC-1 C. Am-1 D. Botha a and b
18	1.6 x 10-19 J is always equal to.	A. 1 farad B. 1 coulomb C. Newton D. Electron -volt
19	When a dielectric material is placed in an electric field it	A. Conducts B. Palarizes C. Magnetizes D. undergoes elecrolysis
20	mho m-1 is the SI unit of.	A. Conductance B. Conductivity C. Resistance D. Resistivity