Physics ICS Part 1 Chapter 9 Online Test

Sr	Questions	Answers Choice
1	If chargeis mvoed against the electric field, it will gain	A. Potential energy B. Kinetic energy C. Electric potential energy D. Mechanical energy
2	Wheatstone bridge is used to measrue the unknown.	A. Resistance B. Current C. Voltage D. None
3	Electric flux is a	A. Scalar Quantitiy B. Vector Quantity C. Base Quantity D. None
4	A heat sensitive resisstor is called.	A. Thermistor B. Variable resistor C. Fixed resistor D. None
5	Value of dielectric consgtant e r for water is	A. 25 B. 78.5 C. 2.1 D. 3.40
6	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
7	If we move away from a charge, the magnitude of electric intensity will	A. Decrease B. Increase C. Zero D. Remain Constant
8	The potential gradient is a.	A. Scalar B. Power C. Vector D. Energy
9	If a resistor is traversed in the direction of current, the potential change is.	A. Negative B. Positive C. Zero D. Infinite
10	For apositive charge electic field lines are directed.	A. Towards charge B. Away from charge C. Botha a and b D. None
11	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
12	Value of K depends upon	A. System of unit B. Nature of medium C. Botha a and b D. None
13	If the source of e.m.f. is gtraversed from negative to positive termina, the potential change is.	A. Positive B. Negative C. Zero D. Constant
14	If the resistivity of a material is large then it is.	A. Poor Conductor B. Conductor C. Good conductor D. Insulator
15	An electric field can deflect.	A. Charge dparticles B. Neutrons C. X-rays D. Beta Rays

16	The electric current may be caused due to.	A. Electrons B. Negative ions C. Positive Ions D. All
17	The Kirchhoff's 2nd rule is the manifestation of law of conservation of.	A. Energy B. Mass C. Momentum D. Charge
18	Current Electricity is the branch of physics which deals with electric charges.	A. In motion B. At rest C. Both a and b D. None
19	The electric constnat of rubber is.	A. 2.94 B. 2 C. 2.1 D. 3.40
20	mho m-1 is the SI unit of.	A. Conductance B. Conductivity C. Resistance D. Resistivity