Physics ICS Part 1 Chapter 9 Online Test

Sr	Questions	Answers Choice
1	The negative of potential gradient is.	A. Potential energy B. Electric field intensity C. Elelctromotive force D. Electrostataic force
2	Electric lines of force are.	A. Real B. Imaginary C. Complex D. None of these
3	A heat sensitive resisstor is called.	A. Thermistor B. Variable resistor C. Fixed resistor D. None
4	Unti of electric intensity is.	A. Vm-1 B. NC-1 C. Am-1 D. Botha a and b
5	Internal resistanc and e.m.f of a cell can be determined by an instrument.	A. CRO B. AVO Meter C. Botha CRO and AVO meter D. Potentiometer
6	The electric current may be caused due to.	A. Electrons B. Negative ions C. Positive Ions D. All
7	The electric field created bypositive point charge is.	A. Radially inward B. Radially outward C. Zero D. Cirular
8	The electric field present inside ahollow charged sphere is.	A. Zero B. Maximum C. Constant D. Variable
9	The Kirchhoff's first rule is the manifestation of law of conservation of.	A. Mass B. Charge C. Momentum D. Energy
10	The current through a conductor is 3.0 a when it is attached across a pontntial difference of 6.0 V. How much power is used.	A. 18 W B. 0.5 W C. 0.2 W D. 9.0 W
11	If we move away from a charge, the magnitude of electric intensity will	A. Decrease B. Increase C. Zero D. Remain Constant
12	For apositive charge electic field lines are directed.	A. Towards charge B. Away from charge C. Botha a and b D. None
13	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
14	The reciprocal of resistance is known as .	A. Conductance B. Reactance C. Conductivity D. Resistivity
		A. 0.1 V

15	On moving a charge of 20 Coulomb by 2 cm. 2 J of work is done, then the potential differecne between the points is.	B. 8 V C. 2 V D. 0.5 V
16	If chargeis mvoed against the electric field, it will gain	A. Potential energy B. Kinetic energy C. Electric potential energy D. Mechanical energy
17	Which of the following metal has the lowest value of temperature coefficient of resistivity.	A. Gold B. Silver C. Copper D. Aluminum
18	The Kirchhoff's 2nd rule is the manifestation of law of conservation of.	A. Energy B. Mass C. Momentum D. Charge
19	Electron -vold is a unit of.	B. Energy C. Potential D. Capacitance E. Electric intensity
20	The electric resistance of a metal	A. Increase with the increase of temperature B. Decrease with increase of temperature C. Indpendent of temperature D. Convert Mechanicla energy into heat energy