Physics ICS Part 1 Chapter 9 Online Test

Sr	Questions	Answers Choice
1	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
2	1.6 x 10-19 J is always equal to.	A. 1 farad B. Electron volt C. 1 coulomb D. Coulomb
3	Which electricla quantity has the same untis as electromotive force.	A. Current B. Charge C. Potential Difference D. Power
4	The SI unit of conductance is.	A. mho -meter B. ohm C. mho D. moh meter
5	Algebraic sum of current meeting at a point is zero is a statement of.	A. Kirchhoff's 1st law B. Faraday's law C. Ampere's law D. None
6	If chargeis mvoed against the electric field, it will gain	A. Potential energy B. Kinetic energy C. Electric potential energy D. Mechanical energy
7	Specific resistanc of a conductor depends upon is.	A. Matrial B. Length C. Area E. All
8	Concept of field lines of force was introduced	A. Faraday B. Coulomb C. Franklin D. Gauss
9	If we move away from a charge, the magnitude of electric intensity will	A. Decrease B. Increase C. Zero D. Remain Constant
10	When a dielectric material is placed in an electric field it	A. Conducts B. Palarizes C. Magnetizes D. undergoes elecrolysis
11	Gaussian surface is	A. Imaginary B. Closed C. Both a and b D. Real
12	If the resistivity of a material is large then it is.	A. Poor Conductor B. Conductor C. Good conductor D. Insulator
13	Electron -vold is a unit of.	B. Energy C. Potential D. Capacitance E. Electric intensity
14	Range of electric force is.	A. Small B. Large C. Medium E. None
15	A heat sensitive resisstor is called.	A. Thermistor B. Variable resistor C. Fixed resistor D. None

16	The best instrument used for teh acccurate measurement of e.m.g. of a cell is.	A. potentiometer B. Wheatstone bridge C. Ammeter D. Voltmeter
17	Maximum power is delivered to a load when internal resistance of soruce is.	A. Less than load B. Equal the load resistance C. Greater than the load resistance D. Does not depend on load resistance
18	Ohm's law can be expressed as.	A. I = VR B. R = IV C. V = RI D. V = I/R
19	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
20	The algebraic sum of potential chagnes for a complete circuit is zero it is the statement of.	A. Ohm's law B. Gausss'slaw C. Kirchhoff's second law D. Kirhhoff's first law