Physics ICS Part 1 Chapter 9 Online Test

Sr	Questions	Answers Choice
1	Wheatstone bridge is used to measrue the unknown.	A. Resistance B. Current C. Voltage D. None
2	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
3	In wheatstone bridge all the four arms have equal resistanc eR. If the resistance of galvanometer arm is also R the equivalent resistance of the combination	A. R B. R/4 C. R/2 D. 2R
4	If chargeis mvoed against the electric field, it will gain	A. Potential energy B. Kinetic energy C. Electric potential energy D. Mechanical energy
5	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
6	Which of the following has a positive temperatur coeffiicent.	A. Iron B. Carbon C. Silicon D. Germanium
7	If the resistivity of a material is large then it is.	A. Poor Conductor B. Conductor C. Good conductor D. Insulator
8	The SI unit of conductance is.	A. mho -meter B. ohm C. mho D. moh meter
9	The Kirchhoff's first rule is the manifestation of law of conservation of.	A. Mass B. Charge C. Momentum D. Energy
10	Whenever current is drawn from a cell, its terminal potential differecne and emf become.	A. Different B. Same C. Zero D. Negative
11	Concept of field lines of force was introduced	A. Faraday B. Coulomb C. Franklin D. Gauss
12	Electron -vold is a unit of.	B. Energy C. Potential D. Capacitance E. Electric intensity
13	A wheatstone bridge consts of .....resistors.	A. 3 B. 4 C. 2 D. 5
14	Electric force as compared to gravitational force is.	A. Very weak B. Very strong C. Moderately weak D. Infinite
		A. Volt

15	SI Unit of EMF is.	B. Joule C. Both a and b D. Farad
16	If we move away from a charge, the magnitude of electric intensity will	A. Decrease B. Increase C. Zero D. Remain Constant
17	The relative permittivity of free speace has the value equal to.	A. 1.0 B. 1.006 C. 78.5 D. 2.1
18	Which can be used as unit of energy.	A. watt sec B. Nm-1 C. VC-1 D. VA
19	If the vector area is parallel to the field lies, then electric flux is.	A. A maximum B. Infinite C. Minimum D. Remained the same
20	1.6 x 10-19 J is always equal to.	A. 1 farad B. Electron volt C. 1 coulomb D. Coulomb