Physics ICS Part 1 Chapter 9 Online Test

Sr	Questions	Answers Choice
1	The electric field created bypositive point charge is.	A. Radially inward B. Radially outward C. Zero D. Cirular
2	For apositive charge electic field lines are directed.	A. Towards charge B. Away from charge C. Botha a and b D. None
3	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
4	A heat sensitive resisstor is called.	A. Thermistor B. Variable resistor C. Fixed resistor D. None
5	Flux passing through a closed surface does not depend upon	A. Geometry of surface B. Medium C. Charge D. All
6	A uniform electric field is represented by a set of lines which are.	A. Parallel and equally spaced B. Converging C. Diverging D. Circular
7	Concept of field lines of force was introduced	A. Faraday B. Coulomb C. Franklin D. Gauss
8	Value of K depends upon	A. System of unit B. Nature of medium C. Botha a and b D. None
9	Wheatstone bridge is used to measrue the unknown.	A. Resistance B. Current C. Voltage D. None
10	The electric field present inside ahollow charged sphere is.	A. Zero B. Maximum C. Constant D. Variable
11	Which of the following has a positive temperatur coeffiicent.	A. Iron B. Carbon C. Silicon D. Germanium
12	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
13	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
		A. Potential energy

14	The negative of potential gradient is.	B. Electric field intensity C. Elelctromotive force D. Electrostataic force
15	Specific resistanc of a conductor depends upon is.	A. Matrial B. Length C. Area E. All
16	If air is replaced by any other dielectic medium the fore of attraction or repulsion between two charges.	A. Decreases B. Increases C. Vanishes D. Remain same
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	mho m-1 is the SI unit of.	A. Conductance B. Conductivity C. Resistance D. Resistivity
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	Which can be used as unit of energy.	A. watt sec B. Nm-1 C. VC-1 D. VA