Physics ICS Part 1 Chapter 9 Online Test

Sr	Questions	Answers Choice
1	SI Unit of EMF is.	A. Volt B. Joule C. Both a and b D. Farad
2	Electric force as compared to gravitational force is.	A. Very weak B. Very strong C. Moderately weak D. Infinite
3	If the resistivity of a material is large then it is.	A. Poor Conductor B. Conductor C. Good conductor D. Insulator
4	The Kirchhoff's first rule is the manifestation of law of conservation of.	A. Mass B. Charge C. Momentum D. Energy
5	If the source of e.m.f. is traversed from negative to positive terminal, the potential change is.	A. Positive B. Negative C. Zero D. Constant
6	Which of the following has a positive temperatur coeffiicent.	A. Iron B. Carbon C. Silicon D. Germanium
7	To eliminate stray electric field interference, circuits of sensitive electonic devices are enclosed in.	A. Metal Box B. Insulating box C. Wooden box D. None of these
8	If chargeis mvoed against the electric field, it will gain	A. Potential energy B. Kinetic energy C. Electric potential energy D. Mechanical energy
9	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
10	Flux passing through a closed surface does not depend upon	A. Geometry of surface B. Medium C. Charge D. All
11	Which electricla quantity has the same untis as electromotive force.	A. Current B. Charge C. Potential Difference D. Power
12	Electric flux is a	A. Scalar Quantitiy B. Vector Quantity C. Base Quantity D. None
13	Value of dielectric consgtant e r for water is	A. 25 B. 78.5 C. 2.1 D. 3.40
14	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

15	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
16	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
17	Electric lines of force are.	A. Real B. Imaginary C. Complex D. None of these
18	If a resistor is traversed in the direction of current, the potential change is.	A. Negative B. Positive C. Zero D. Infinite
19	A wheatstone bridge consts of .....resistors.	A. 3 B. 4 C. 2 D. 5
20	For apositive charge electic field lines are directed.	A. Towards charge B. Away from charge C. Botha a and b D. None