Physics ICS Part 1 Chapter 9 Online Test

Sr	Questions	Answers Choice
1	The SI unit of conductance is.	A. mho -meter B. ohm C. mho D. moh meter
2	The Kirchhoff's first rule is the manifestation of law of conservation of.	A. Mass B. Charge C. Momentum D. Energy
3	If the resistivity of a material is large then it is.	A. Poor Conductor B. Conductor C. Good conductor D. Insulator
4	Electric flux is a	A. Scalar Quantitiy B. Vector Quantity C. Base Quantity D. None
5	The electric field created bypositive point charge is.	A. Radially inward B. Radially outward C. Zero D. Cirular
6	Value of dielectric consgtant e r for water is	A. 25 B. 78.5 C. 2.1 D. 3.40
7	Unti of electric intensity is.	A. Vm-1 B. NC-1 C. Am-1 D. Botha a and b
8	Which of the following metal has the lowest value of temperature coefficient of resistivity.	A. Gold B. Silver C. Copper D. Aluminum
9	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
10	Range of electric force is.	A. Small B. Large C. Medium E. None
11	The electric constnat of rubber is.	A. 2.94 B. 2 C. 2.1 D. 3.40
12	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
13	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
14	Flux passing through a closed surface does not depend upon	A. Geometry of surface B. Medium C. Charge

		D. All
15	The electric current may be caused due to.	A. Electrons B. Negative ions C. Positive Ions D. All
16	The vlaue of ralative parmittivity e r. for various dielectric is always.	A. Larger than unity B. Less than unity C. Equal to unity D. Slightly less than unity
17	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
18	Two pont charges A and B are separated by 10 m. If the distance between tehm is reduced to 5 m. the force exerted on each.	A. Decrease to half its original value B. Increase to twice the original value C. Increase four times to its original value D. Decreases to one quarer of its original value
19	The Kirchhoff's 2nd rule is the manifestation of law of conservation of.	A. Energy B. Mass C. Momentum D. Charge
20	Whenever current is drawn from a cell, its terminal potential differecne and emf become.	A. Different B. Same C. Zero D. Negative