Physics Fsc Part 1 Chapter 9 Online Test

Sr	Questions	Answers Choice
1	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
2	For apositive charge electic field lines are directed.	A. Towards charge B. Away from charge C. Botha a and b D. None
3	Which of the following has a positive temperatur coeffiicent.	A. Iron B. Carbon C. Silicon D. Germanium
4	The sum of currents in various resistors meeting at a point of the circuit.	A. Equals to the total current B. Exceed the totla current C. Less than total current D. None of above
5	Wheatstone bridge is used to measrue the unknown.	A. Resistance B. Current C. Voltage D. None
6	Unti of electric intensity is.	A. Vm-1 B. NC-1 C. Am-1 D. Botha a and b
7	The electric current may be caused due to.	A. Electrons B. Negative ions C. Positive Ions D. All
8	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
9	The Kirchhoff's first rule is the manifestation of law of conservation of.	A. Mass B. Charge C. Momentum D. Energy
10	Specific resistanc of a conductor depends upon is.	A. Matrial B. Length C. Area E. All
11	The reciprocal of resistance is known as .	A. Conductance B. Reactance C. Conductivity D. Resistivity
12	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
13	Electron -vold is a unit of.	B. Energy C. Potential D. Capacitance E. Electric intensity
14	Which can be used as unit of energy.	A. watt sec B. Nm-1 C. VC-1 D. VA
		A. 1 farad

15	1.6 x 10-19 J is always equal to.	B. 1 coulomb C. Newton D. Electron -volt
16	SI Unit of EMF is.	A. Volt B. Joule C. Both a and b D. Farad
17	Which of the following metal has the lowest value of temperature coefficient of resistivity.	A. Gold B. Silver C. Copper D. Aluminum
18	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
19	Internal resistanc and e.m.f of a cell can be determined by an instrument.	A. CRO B. AVO Meter C. Botha CRO and AVO meter D. Potentiometer
20	If a resistor is traversed in the direction of current, the potential change is.	A. Negative B. Positive C. Zero D. Infinite