Physics Fsc Part 1 Chapter 9 Online Test

Sr	Questions	Answers Choice
1	A potentiometer can be used as to.	A. Determine E.M.F. of a cell B. Campare e.em.f s. C. measrue accurate value of current D. All of above
2	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
3	Which of the following has a positive temperatur coeffiicent.	A. Iron B. Carbon C. Silicon D. Germanium
4	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
5	When a dielectric material is placed in an electric field it	A. Conducts B. Palarizes C. Magnetizes D. undergoes elecrolysis
6	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
7	Which of the following metal has the lowest value of temperature coefficient of resistivity.	A. Gold B. Silver C. Copper D. Aluminum
8	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
9	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
10	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
11	If chargeis mvoed against the electric field, it will gain	A. Potential energy B. Kinetic energy C. Electric potential energy D. Mechanical energy
12	Flux passing through a closed surface does not depend upon	A. Geometry of surface B. Medium C. Charge D. All
13	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
14	Electric force as compared to gravitational force is.	A. Very weak B. Very strong C. Moderately weak D. Infinite

15	Wheatstone bridge is used to measrue the unknown.	A. Resistance B. Current C. Voltage D. None
16	The potential gradient is a.	A. Scalar B. Power C. Vector D. Energy
17	Unti of electric intensity is.	A. Vm-1 B. NC-1 C. Am-1 D. Botha a and b
18	SI Unit of EMF is.	A. Volt B. Joule C. Both a and b D. Farad
19	Electric bulb does not obey Ohm's law becasue	A. Temperature changes B. Resistance changes C. Heat is prodcued D. All
20	Gaussian surface is	A. Imaginary B. Closed C. Both a and b D. Real