Physics ICS Part 1 Chapter 9 Online Test

Sr	Questions	Answers Choice
1	Which of the following metal has the lowest value of temperature coefficient of resistivity.	A. Gold B. Silver C. Copper D. Aluminum
2	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
3	Range of electric force is.	A. Small B. Large C. Medium E. None
4	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
5	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
6	For apositive charge electic field lines are directed.	A. Towards charge B. Away from charge C. Botha a and b D. None
7	Electric force as compared to gravitational force is.	A. Very weak B. Very strong C. Moderately weak D. Infinite
8	A wheatstone bridge consts of .....resistors.	A. 3 B. 4 C. 2 D. 5
9	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
10	Wheatstone bridge is used to measrue the unknown.	A. Resistance B. Current C. Voltage D. None
11	mho m-1 is the SI unit of.	A. Conductance B. Conductivity C. Resistance D. Resistivity
12	A positive charge is placed at the center of sphere of radius r, then the electric flux depends upon	A. The radius of the sphere B. Quantity of charge C. The intensity of the electric field D. All of the above
13	The negative of potential gradient is.	A. Potential energy B. Electric field intensity C. Elelctromotive force D. Electrostataic force

14	If we move away from a charge, the magnitude of electric intensity will	A. Decrease B. Increase C. Zero D. Remain Constant
15	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
16	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
17	Flux passing through a closed surface does not depend upon	A. Geometry of surface B. Medium C. Charge D. All
18	The Kirchhoff's 2nd rule is the manifestation of law of conservation of.	A. Energy B. Mass C. Momentum D. Charge
19	A uniform electric field is represented by a set of lines which are.	A. Parallel and equally spaced B. Converging C. Diverging D. Circular
20	The electric constnat of rubber is.	A. 2.94 B. 2 C. 2.1 D. 3.40