

Physics ICS Part 2 Chapter 13 Online MCQ's Test

Sr	Questions	Answers Choice
1	The product of resistance and conductance is	A. 1 B. Resistivity C. Conductance D. Zero
2	e.m.f is the conversion of ----- energy into electrical energy	A. Chemical B. Solar C. Light D. None of these
3	The condition for the wheatstone bridge to be balanced is given by	D. None of above
4	A rheostat can be used as variable resistor as well as a-----	A. Potential divider B. Current divider C. Wheat stone bridge D. Power divider
5	The resistivity of -----decrease with the increase in temp	A. Gold B. Silver C. Copper D. Silicon
6	If there is no fourth band, tolerance is shows as	D. 10%
7	For non-ohmic devices, the graph between V and I is	A. Not a straight line B. A straight line C. A curve D. All of above
8	During electrolysis process, density of CuSO_4 solution	A. Remains constant B. Decreased C. Increased D. None of these
9	Magnetic effect of current is used	A. To detect a current B. To measure a current C. In electric motor D. All of above
10	If a charge Q flows through any cross section of the conductor in time t, the current I is	A. $I=Qt$ B. $I= Q/t$ C. $I= Q*t$ D. $I= Q-t$
11	When a pot difference of 4 volt is applied across resistance, 10 J of energy is converted Find charge flows	A. 0.20 C B. 2.5 C C. 5.0 C D. 10.0 C
12	The conventional current is due to the flow of	A. Atoms and molecules B. Positive charge C. Negative charge D. Bot (b) and (c)