

Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
0.		
1	Weber is the unit of	B. Permeability C. magnetic force D. None of above
2	The name of the scientist who noted that a compass needle was deflected when placed near the current carrying conductor	A. Henry B. Faraday C. Coloumb D. Oersted
3	Unit (S.I) of temperature coefficient of resistivity of a material is	A. K B. K ⁻¹ C. ^o C D. K ⁻²
4	Terminal potential difference is greater than emf of the cell when	 A. Circuit is open B. Circuit is closed C. small battery is charged by bigger battery D. None of these
5	The product of resistance and conductance is	A. 1 B. Resistivity C. Conductance D. Zero
6	e.m.f is the conversion of energy into electrical energy	A. Chemical B. Solar C. Light D. None of these
7	The condition for the wheatstone bridge to be balanced is given by	D. None of above
8	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
9	The resistivity ofdecrease with the increase in temp	A. Gold B. Silver C. Copper D. Silicon
10	If there is no fourth band, tolerance is shows as	D. 10%
11	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
12	During electrolysis process, density of CuSO ₄ solution	A. Remains constant B. Decreased C. Increased D. None of these
13	Magnetic effect of current is used	A. To detect a current B. To measure a current C. In electric motor D. All of above
14	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
15	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
16	The conventional current is due to the flow of	A. Atoms and molecules B. Positive charge C. Negative charge D. Bot (b) and (c)

A. Flux B. Electric intensity C. Both (a) , (b) D. None of these