

## ECAT Physics Chapter 13 Current Electricity Online Test

Sr	Questions	Answers Choice
1	A thermistor is a resistor which is:	A. Light Sensitive B. Heat Sensitive C. Sound Sensitive D. All of these E. None of these
2	Thermistors are prepared under	A. High pressure and low temperature B. High pressure and high temperature C. Low pressure and low temperature D. Low pressure and high temperature E. None of these
3	The emf is measured in:	A. Newton B. Volt C. J/C D. Both A and B E. Both B and C
4	The quantity having the same unit as that of emf is:	A. Force B. Energy C. Potential D. Current E. Charge
5	Which instrument is expensive and difficult to use?	A. Voltmeter B. Potentiometer C. CRO D. Both A and C E. Both A and B
6	An ideal voltmeter has:	A. Zero resistance B. Small resistance C. Large resistance D. Infinite resistance E. Both A and B
7	Kirchhoff's first rule is also called:	A. Loop rule B. Thumb rule C. Point rule D. Right hand rule E. None of these
8	The third band of the colour code:	A. Gives the number of zeroes B. Is decimal multiplier C. Gives the resistance tolerance D. Gives the third digit E. Both (A) and (B)
9	A rheostat can be used:	A. As variable resistor B. As potential divider C. For varying the current D. All of these E. None of these
10	The best conductor is:	A. Silver B. Copper C. Aluminium D. Both B and C E. None of them
11	As the current flows through the wire	A. It generates heat in the wire B. It produces sound in the wire C. Resistance of the wire decrease D. Voltage across the ends is the increase E. None of these
12	The fourth band is a:	A. Silver band B. Red band C. Gold band D. Either A or C E. Either A or B

13	The value of resistivity is the least for:	A. Copper B. Aluminium C. Silver D. Tungsten E. Iron
14	In a metal, the valence electrons are:	A. Attached to individual atoms B. Not attached to individual atoms C. Free to move within the metal D. Both A and B E. Both A and C
15	In gases, the charge carriers are:	A. Electrons B. Positive ions C. Negative ions D. Both A and C E. Both A and B