

## Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Heat sensitive resistors are called.	A. resistors B. Capacitor C. Thermistors D. Inductors
2	A rheostat can operate as.	A. Amplifier B. Potential divider C. Oscillator D. Transformer
3	The thermistors convert changes of temperature into.	A. Light energy B. Electric voltage C. Heat D. Sound
4	Resistance tolerance for gold colour is.	A. 50% B. 30% C. 20% D. 5%
5	If the resistance of 500 Ohm have fourth band of silver colour then its upper maximum resistance will be.	A. 600 Ohm B. 550 Ohm C. 450 Ohm D. 400 Ohm
6	In carbon resistors, then value of Blue colour is.	A. 6 B. 7 C. 8 D. 9
7	Colour codes are used to calculate the.	A. Nature of resistor B. Numerical value of resistance C. Potential difference D. Current
8	A certain wire has a resistance R, the resistivity of an other wire of an identical material with the first, except for twice its diameter is.	A. $\frac{1}{4} R$ B. $4R$ C. $2R$ D. Same as R
9	A substance having the negative temperature co efficient of resistivity out of the following is.	A. Carbon B. Iron C. Tungsten D. Gold
10	Resistivity at a given temperature depends upon.	A. Area of cross section B. Length C. Nature of material of conductor D. Both length and area
11	The SI unit of resistivity is.	A. Ohm m <sup>-2</sup> B. Ohm m <sup>-1</sup> C. Ohm m D. Ohm
12	mho -m <sup>-1</sup> is the unit of.	A. Resistance B. Resistivity C. Conductance D. Conductivity
13	The reciprocal of resistance is called.	A. Capacitance B. Resistance C. Conductance D. Inductance
14	The unit of temperature co efficient of resistivity is.	A. Ohm -m B. K <sup>-1</sup> C. K D. Ohm
15	Specific resistance of a material depends upon.	A. Length B. Area C. Temperature D. Both A and B

16	When a wire of length 'l' and resistance R is cut into two equal parts then resistivity of each part.	A. is doubled B. Remains the same C. Is halved D. Is one fourth
17	The current through a resistance of 100 Ohm when connecting across a source of 220 V is.	A. 22000 A B. 22 A C. 2.2 A D. 0.45 A