

## Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	The number of electrons emitted depends upon	A. Colour of target surface B. Shape of surface C. Frequency of incident light D. Intensity of incident light
2	Laser is a beam of light which is	A. Monochromatic B. Coherent C. Unidirectional D. All of these
3	The conductors having the conductivity of the order of	
4	The fraction change in resistance per Kelvin is known as:	A. Temperature coefficient of Resistance B. Coefficient of voltage of change C. Thermal expansion D. All of the above
5	In Compton effect the photon behaves as a.	A. Wave B. Particle C. Nucleon D. Both a and b
6	Number of electrons emitted in photo electric effect depend upon.	A. Intensity of incident light B. Frequency of incident light C. Energy of incident light D. Wavelength of incident of light
7	A wire uniform cross-section. A length L and resistance R is cut into two equal parts. The resistivity of each part will be:	A. Doubled B. Halved C. Remain the same D. One fourth
8	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
9	A Current flowing towards the reader is denoted by.	A. Cross B. a bracket C. A dot D. Positive sign
10	Lenz's law was given by Heinrich lenz in:	A. 1894 B. 1904 C. 1854 D. 1834
11	The device which allows only the continuous flow of AC through it is.	A. Inductor B. Battery C. Thermistor D. Capacitor
12	The maximum kinetic energy of emitted photo electrons depends upon.	A. The intensity of incident light B. Frequency of the incident light C. Metal surface D. Both frequency of incident light and metal surface.
13	Commutator was invented in	A. 1834 B. 1820 C. 1840 D. 1835
14	The Basic circuit element in a D.C. circuits which controls the current and voltage is	A. Resistor B. Inductor C. Capacitor D. Transistor
15	The head produced by the passage of current through a resistor is.	A. $H = I^2 R t$ B. $H = I R^2 t$ C. $H = 1/Rt$ D. $H = I^2 / Rt$

16	In A.C. inductor behaves as	A. Capacitor B. Resistor C. Commutator D. Transistor
17	An ideal current source shall have resistance	A. Zero B. Finite but not zero C. Infinite D. Depend upon requirement
18	For Paschen series, the value of 'n' starts from	A. 2 B. 4 C. 6 D. 8
19	Magnetism is related to:	A. Stationary charges B. Moving charges C. Stationary & Moving charges D. Law of motion
20	An expression for gain of an inverting amplifier is	C. $(R_{1}/R_{2})$ D. None of these