

## Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Power dissipation is a pure inductive or in a pure capacitance circuit is:	A. $10^6$ B. 0 C. $10^{-6}$ D. Maximum
2	Gamma radiations are emitted due to:	A. De-excitation of atom B. De-excitation of nucleus C. Excitation of atom D. Excitation of nucleus
3	A black body is an ideal:	A. Absorber B. Radiator C. Both a & b D. None of above
4	The number of neutrons in Li are	A. 2 B. 3 C. 4 D. 7
5	The Balmer series is obtained when all the transition of electrons terminate on	A. 1 <sup>st</sup> orbit B. 2 <sup>nd</sup> orbit C. 3 <sup>rd</sup> orbit D. 4 <sup>th</sup> orbit
6	Recently superconductor discovered is at temperature.	A. 110K B. 143K C. 16.3K D. 119K
7	The 1eV =	A. $1.6 \times 10^{-19} \text{C}$ B. $1.6 \times 10^{-11} \text{J}$ C. $1.6 \times 10^{-19} \text{J}$ D. $1.6 \times 10^{-11} \text{C}$
8	The Kirchoff 1 <sup>st</sup> rule is manifestation of:	A. Law of conservation of mass B. Law of Conservation of charge C. Law of conservation of energy D. None of above
9	If the coil is wound on iron core, the flux through it.	A. Decreases B. Becomes zero C. Increases D. Remains constant
10	The unit of conductivity is:	A. $\text{Ohm}^{-3} \text{m}^{-1}$ B. $\text{Ohm}^{-1} \text{m}^{-1}$ C. Both a and b D. $\text{Ohm}^{-1} \text{m}^{-1}$
11	Two parallel wires carrying currents in the opposite direction.	A. Repel each other B. Attract each other C. Have no effect upon each other D. They cancel out their individual magnetic fields.
12	The reciprocal of resistance is called.	A. Capacitance B. Resistance C. Conductance D. Inductance
13	The longest wavelength of Paschen series is.	A. 656 nm B. 1094 nm C. 1875 nm D. 2000 nm
14	The electric intensity due to two oppositely charged plates is	D. None of these
15	In full wave rectification number of diodes required are equal to.	A. 2 B. 3 C. 4 D. 5
		A. Length of conductor

16	The motional emf depends upon the	B. Speed of conductor C. Strength of magnet D. All of these
17	If the length and number of turns of a solenoid are doubled strength of magnetic field with.	A. Be doubled B. Become half C. Not change D. Be four time
18	Using relativistic effects the location of an air craft after an hour flight can be predicated about	A. 20 m B. 50 m C. 760 m D. 780 m
19	The moderator used in a nuclear reactor	A. Sodium B. Uranium C. Graphite D. Cadmium
20	Radius of first Bohr's orbit is.	A. 0.053 nm B. 0.053 mm C. 0.053 micro meter D. 0.053 m