

Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	The main reason for world wide use of A.C is because:	A. It is very high power B. It can be transmitted over long distance C. It is cheaper to use D. All of above
2	Resistance tolerance of silver band is.	A. 10% B. 6% C. 7% D. 5%
3	The illustration of the phenomenon of mutual induction is in the device of	A. Transformer B. Inductor C. A.C. Generator D. Ammeter
4	Logic gate can control some physical parameters like.	A. Temperature, Pressure B. Resistance, Inductance C. Capacitance, Impedance D. Current, voltage
5	A solid having regular arrangement of molecules throughout its structure is called.	A. Amorphous solid B. Polymeric solid C. Crystalline solid D. Glassy solid
6	A radio active substance has a half life of four months. 3 -fourth of the substance will decay in:	A. 6 months B. 8 months C. 12 months D. 16 months
7	Tolerance of "Gold" band.	A. ±10% B. ±5% C. ±15% D. ±20%
8	Grid in cathode ray oscilloscope controls.	A. Number of electron B. Temperature of filament C. Frequency of electron D. Energy of electrons
9	The number of crystal system are	A. Three B. Five C. Seven D. Fifteen
10	The sensor of light is.	A. Transistor B. LED C. Diode D. Light dependent resistance
11	If 1×10^7 electrons passes through a conductor in 1.0 micro second , then the current is.	A. 2 A B. 1.6 A C. 2.6×10^{-6} A D. 1.6×10^{-6} A
12	When gama rays are emitted, the nuclear mass.	A. Decreases by 4 units B. Does not change C. Increases by 2 units D. Increase by 1 unit
13	Charge on an atom is:	A. Positive B. Negative C. Neutral D. None of these
14	Number of Isotopes of Neon gas are	A. 2 B. 3 C. 4 D. 1
15	Life time of metastable states is	A. 10^{-6} sec or more B. 10^{-3} sec or more C. 10^{-5} sec or more D. ...

		D. None of these
16	An atom can reside in excited state for	A. 10^{-8} second B. One second C. 10^{-10} second D. More than one second
17	The principle regarding the dual nature of light was first discovered by	A. Heisenberg B. Compton C. J.J.Thomson D. De-Broglie
18	Electrons are	A. Hadrons B. Laptons C. Quarks D. Baryons
19	The SI unit of resistivity is.	A. Ohm m ² B. Ohm m ⁻¹ C. Ohm m D. Ohm
20	A charged particle having charge 'q' is moving at right angle to magnetic field. The quantity which varies is.	A. Speed B. Kinetic energy C. Path of motion D. angular velocity