

Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	e.m.f is the conversion of ----- energy into electrical energy	A. Chemical B. Solar C. Light D. None of these
2	Total flux through a closed surface depends on.	A. Shape of surface B. Medium only C. Charge enclosed only D. Charge and Medium
3	Truth table of logic function.	A. Summarize its output values only B. Tabulates all its input conditions only C. Display all its input and output possibility D. Is not base on logic algebra
4	Torque on a current carrying coil	A. $\tau = IBA \cos$ B. 13.63636302947998px;">"$\tau = ILB \sin$ C. $\tau = IBA \sin$ D. $\tau = ILB \cos$
5	In an nihilation emitted photons moves in opposite directions to conserve.	A. Mass B. Charge C. Energy D. Momentum
6	The capacitance of a capacitor depends upon.	A. Thickness of plates B. Charges on the plates C. Voltage applied D. Geometry of the capacitor
7	The building blocks of protons and neutrons are called.	A. Ions B. Electrons C. Positrons D. quarks
8	The process by which lesser beam can be used to generate 3-dimensional images of objects is called	A. Holography B. Geo graphy C. Tomography D. Radio graphy
9	In Pakistan the frequency of A.C. supply is.	A. 50 Hz B. 60 Hz C. 45 Hz D. 70 Hz
10	The number of electrons in one coulomb charge is equal to	A. 6.2×10^{18} electrons B. Zero electrons C. 1.6×10^{-22} electrons D. 6.2×10^{21} electrons
11	___ is correct relation.	A. $IT = 10^{-4} G$ B. $IT = 10^4 G$ C. $IT = 10^2 G$ D. $IT = 10^{-2} G$
12	Choke consumes extremely small	A. Current B. Charge C. Power D. Potential
13	For normal use:	A. Emitter base function is reversed biased B. Collector base junction is reserved biased C. Emitter base junction is forward biased D. Both c and b
14	The number of protons in anv atom are always equal to the number of	A. Neutrons B. Electrons C. ...

		C. Positrons D. Mesoris
15	The average gap for Germanium at 0K is	A. 1.12 ev B. 0.02 ev C. 6.72 ev D. 7.2 ev
16	The unit for Plank's constant is:	A. $J s^{-1}$ B. Jm C. $J s$ D. $J m^2$
17	The quantity of U in the naturally occurring uranium is.	A. 0.2% B. 0.3% C. 0.7% D. 0.4%
18	SI unit of henry which is.	A. VSA-1 B. VS-1 A C. VS-1A-1 D. VSA
19	Electromagnetic induction obeys law of conservation	A. Charge B. Energy C. Momentum D. Mass
20	Donor impurities are	A. Germanium, silicon B. Indium, gallium C. Antimony, arsenic D. Diamond, carbon