

Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	The Weber is unit of measure of:	A. Conductance B. Electric current C. Magnitic flux D. Electric flux
2	The temperature at which, semiconductor behaves as insulators:	A. 10k B. 0k C. 237k D. None of above
3	Current passing through the coil of galvanometer	A. CO/BAN B. CoN /BA C. NAB/CO D. ANBCO
4	In three phase A.C. generator the phase difference between each pair of coil is.	A. 45° B. 90° C. 120° D. 60°
5	Minority carriers in P-Types , substances are.	A. Electrons B. Protons C. Holes D. Neutrons
6	The movement of conductor in magnetic field produces electrical current was discovered in:	A. 1931 B. 1731 C. 1842 D. 1831
7	The energy of photon is givne by	A. $mv^2/2$ B. hf C. $Va e$ D. $mac^{sup>1</sup>}$
8	The first atomic reactor was introduced by	A. Currie B. Enrico Fermi C. Newton D. Bohr
9	Magnetic induction can be measured in units of.	A. Tesla B. Gauss C. Weber/m ² D. All of the above
10	Self induction does not depend on	A. Number of turns of the coil B. Area of cross section of the core C. Nature of material of the core D. Current through inductor
11	Electron volt is the unit of.	A. Potential B. Potential difference C. Electric current D. Electric energy
12	Doping is made comparatively larger in	A. Emitter B. Base C. Collector D. P -type semi conductor
13	The amount of energy equivalent to 1 a.m.u is	A. 931.5 MeV B. 93.15 MeV C. 9.315 MeV D. 2.224 MeV
14	When meta l is heated sufficiently electrons are given off by the metal. This phenomenon is known as.	A. Photoelectric effect B. Piezo electric effect C. Thermionic emission D. Secondary emission
15	The resonance frequency is given by:	A. $f_r = 2\pi\sqrt{LC}$ B. $f_r = 1/2\pi LC$ C. $f_r = 1/ 2\pi\sqrt{LC}$ D. $f_1 = 1/ 2\pi C\sqrt{L}$

16	Which one pair belongs to acceptor impurity.	A. Arsenic, phosphorus B. Boron, gallium C. Arsenic, antimony D. Antimony, indium
17	Phase difference between V and I of an A.C through resistor is.	A. Zero Degree B. 90° C. 80° D. 120°
18	In a transistor, collector current is controlled by:	A. Collector voltage B. Base current C. Collector resistance D. All of the above
19	_____ has the largest de Broglie wavelength at same speed.	A. Proton B. Alpha particle C. Carbon atom D. Electron
20	What is the co-efficient of mutual inductance, when the magnetic flux changes by 2×10^{-2} Wb, and change in current is 0.01 A?	A. 2 H B. 3 H C. 1/2 H D. Zero