

Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	A moving charge is surrounded by:	A. 2 Fields B. 3 Fields C. 4 Fields D. None of these
2	First spectral series of hydrogen atom was discovered by	A. Lyman B. Rydberg C. Balmer D. Paschen
3	The radius of 10th orbit in hydrogen atom is.	A. 0.053 nm B. 0.53 nm C. 5.3 nm D. 53 nm
4	An electron enters the magnetic field at right angle from left, B is into paper. The electron will be deflected.	A. upward B. To ward right C. Down ward D. Toward left
5	The acceleration of an electron of mass m and charge e, moving with uniform speed v at right angles to a magnetic field of flux density B, is given by	D. Bev/m
6	The Basic circuit element in a D.C. circuits which controls the current and voltage is	A. Resistor B. Inductor C. Capisitor D. Transistor
7	Which one is not a crystalline solid.	A. Zinc B. Copper C. Nylon D. None of these
8	The mass of proton in amu is:	A. 1.07276 B. 1.7276 C. 1.007276 D. 1.0007276
9	Logic gate can control some physical parameters like.	A. Temperature, Pressure B. Resistance, Inductance C. Capacitance, Impedance D. Current, voltage
10	The radio active nuclide ${}_{86}\text{Ra}^{228}$ decays by a series of emissions of three alpha particles and one beta particle. The nuclide X finally formed is:	A. ${}_{64}\text{X}^{220}$ B. ${}_{86}\text{X}^{222}$ C. ${}_{84}\text{X}^{216}$ D. ${}_{88}\text{X}^{215}$
11	Mutual induction has a practical role in the performance of the.	A. Radio choke B. Transformers C. A.C. Generator D. D.C. Generator
12	A.C. can be converted into D.C. by	A. An oscillator B. Detector C. An amplifier D. Rectifier
13	Charge on an electron was determined by	A. Ampere B. Millikan C. Maxwell D. Bohr
14	The charge of an alpha particle is equal to	A. -e B. +e C. -2e D. 2e
15	The mass of beta particle is equal to the mass	A. Proton B. Neutron C. Electron D. Photon
		A. Less than

16	When the K.E. of photoelectric is zero, the frequency of incident photon is.	B. greater than C. Equal to D. Much greater
17	Curie temperature is	A. Different for chromium oxide and cobalt B. Same for chromium oxide and cobalt C. Same for iron and cobalt D. None of these
18	In photovoltaic cell, current is directly proportional to.	A. Wavelength of light B. Intensity of light C. Energy D. Frequency of light
19	Induced emf in A.C. generator can be increased by	A. Decreasing area of coil B. Decreasing magnetic field C. Increasing area of coil D. Slowing down speed of coil
20	The movement of conductor in magnetic field produces electrical current was discovered in:	A. 1931 B. 1731 C. 1842 D. 1831