

## Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	The radius of 10th orbit in hydrogen atom is.	A. 0.053 nm B. 0.53 nm C. 5.3 nm D. 53 nm
2	The self induction emf is some times called.	A. Motional emf B. Constant emf C. Back emf D. Variable emf
3	Which series lies in the ultraviolet region.	A. Balmer series B. Bracket series C. Ptund series D. Lyman series
4	The mass of beta particle is equal to mass of.	A. Protons B. Electrons C. Neutrons D. Boron
5	The electric potential at a mid point in an electric dipole is.	A. 0 V B. 0.5 V C. 1 V D. 1.5 V
6	A PN junction can not be sued a.	A. Rectifier B. Amplifier C. Detector D. LED
7	A solid having regular arrangement of molecules throughout its structure is called.	A. Amorphous solid B. Polymeric solid C. Crystalline solid D. Glassy solid
8	The value of maximum output power is?	A. $E/4R$ B. $E^2/4R$ C. $E/4R^2$ D. Non of above
9	If a low resistance is connected parallel to a galvanometer then galvanometer is converted.	A. Ammeter B. Voltammeter C. Ohmmeter D. Multimeter
10	When a conductor moves across a magnetic field an emf is set up this emf is called.	A. Variable emf B. Constant emf C. Back emf D. Induced emf
11	In a coil current change from 2 to 4 A in .05 s . If the average induced emf is 8 V then coefficient of self-inductance is:	A. 0.2 henry B. 0.1 henry C. 0.8 henry D. 0.04 henry
12	For an atom of hydrogen atom the radius of the first orbit is given by:	A. $h^2/m_e$ B. $me/4h^2$ C. $h^2/4\pi^2me$ D. $h^2/me$
13	A semiconductor in its extremely pure form is known as:	A. Intrinsic B. Extrinsic C. Both a and b D. None of above
14	Conversation of only one half of A.C. into D.C. is called.	A. Half wave amplification B. Wave amplification C. Half wave electrification D. Half wave rectification
		A. Once

15	During each cycle A.C. voltage reaches a peak value.	B. Twice C. Thrice D. Four time
16	X-rays are similar in nature to.	A. Gama rays B. Beta rays C. Alpha rays D. Cathode rays
17	A one microfarad capacitor of a TV is subjected to 4000 V potential difference. The energy stored in capacitor is:	A. 8 j B. 16 j C. $4 \times 10^{-3}$ j D. $2 \times 10^{-3}$ j
18	Lenz's law presented in	A. 1834 B. 1934 C. 1826 D. 1836
19	Albert Einstein got noble prize in:	A. 1926 B. 1921 C. 1918 D. 1931
20	A Current flowing towards the reader is denoted by.	A. Cross B. a bracket C. A dot D. Positive sign