

## Physics ICS Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Which one is pentavalent impurity	A. Boron B. Gallium C. Antimony D. Indium
2	In the equation if f <sub>2</sub> > then	
3	If F1 and F2 are teh magnetic forces acting on a particle and electron respectively when moving perpendicular to the magnetic field then.	A. F1=F2 B. F1>F2 C. F1 <f2 D. F1 = 4F2</f2 
4	The device in the circuit that consume electrical energy are known as.	A. Dissipaters B. Generator C. Load D. Motors
5	How many neutrons are there in the nuclide Zn <sup>66</sup> ?	A. 22 B. 30 C. 36 D. 66
6	mho -m-1 is the unit of.	A. Resistance B. Resistivity C. Conductance D. Conductivity
7	The electrical intensity is equal to:	AΔr/Δν B. Δν/Δr C. Δν/Δν DΔν/Δr
8	The drift velocity is of order:	A. 10 <sup>-13</sup> m/s B. 10 <sup>3</sup> m/s C. 10 <sup>-3</sup> m/s D. 10 <sup>-4</sup> m/s
9	The resistance between the inverting (-) and non inverting inputs is called Input resistance and is the order of.	A. Ohms B. Kilo Ohms C. Mega Ohms D. Thounds Ohms
10	When meta I 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
11	The function of three anodes a C.R.O is	A. To accelerate electrons only     B. To focus the electrons only     C. To control the brightness of spot on screen     D. To accelerate and focus the electrons
12	Charge carriers in electrolytes are.	A. Protons B. Electrons C. Holes D. Positive and Negative ions
13	Kx -Xrays are produced due to transition of electron from.	A. K to L shell B. L to K shell C. M to K shell D. M to L shell
		A. 2.8 MeV B. 2.23 MeV
14	Binding energy for deuteron nucleus is given by	C. 2.28 MeV D. 2.25 MeV
15	Einstein photoelectric equation is	D. None of these
16	If the length and number of turns of a solenoid are doubled strength of magnetic field with.	A. Be doubled B. Become half C. Not change

		D. Be four time
17	If the separation between the plates of a capacitor is doubled then its capacitance become.	A. Double B. Half C. One fourth D. Three times
18	At high frequency, the current through a capacitor is	A. Small B. Infinity C. Zero D. Large
19	The wavelength associated with the protons moving at speed of 40 m/s is.	A. 7.20 nm B. 9.02 C. 15.7 nm D. 17.3 nm
20	What is difference is isotopes	A. Number of protons B. Number of neutrons C. Number of electrons D. Charge number