

Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	In frequency modulation which factor changed.	A. Amplitude of charge carriers B. Frequency of charge carriers C. Amplitude of signal D. Frequency of signal
2	Vrms =	A. 0.7V B. <div>0.07V </div> C. 0.007V D. 0.75V
3	The number of Isotopes of cesium are.	A. 4 B. 32 C. 22 D. 36
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	A metal rod of 1 m is moving at a speed of 1 ms-1 in a direction making an angle 30 $^{\rm O}$ with 0.5 T magnetic field . The emf produced is.	A. 0.25 N B. 2.5 N C. 0.25 V D. 2.5 V
6	An A.C. voltmeter reads 220 V, its peak value will be	A. 225 V B. 240 V C. 311.12 V D. 300 V
7	Which one is pentavalent impurity	A. Boron B. Gallium C. Antimony D. Indium
8	Minimum energy needed to escape an electron ofrm metal surface is called:	A. Threshold energy B. Threshold frequency C. Work function D. Work ability
9	Reverse current flows due to	A. Majority charge carriers B. Minority charge carriers C. Electrons D. Holes
10	Two down and one up quarks make	A. Proton B. Neutron C. <strike>photon</strike> D. Positron
11	The rest mass x ray photon is	A. Infinite B. Zero C. 1.67 X ⁻¹⁷ kg D. All of the above
12	CRO works by deflecting the beam of electron as they pass through	A. Uniform magnetic field B. Uniform electric field between two sets of parallel plates C. Non-uniform magnetic field D. None of these
13	At high frequency the value of reactance of capacitor will be.	A. Small B. Zero C. Large D. Infinite
14	In a transistor, collector current is controlled by:	A. Collector voltage B. Base current C. Collector resistance D. All of the above
15	Useful device to measure resistance, current and voltage is an electronic instrument called.	A. Volt meter B. Ammeter C. Ohmmeter

		D. Digital Multimeter
16	Hydrogen atom spectrum does not lie in	A. Ultraviolet regionB. Visible regionC. Infrared regionD. Xray region
17	The winding of the electromagnet in motor are usually called.	A. Magnetic coilsB. Field coilsC. Electric coilsD. electric o electric coils
18	Dielectric constant $_{\it er}$ for air is:	A. 1 B. 1.006 C. 1.0002 D. 1.0006
19	The minimum frequency needed to emit an electron form metal surface is called:	A. Work function B. Threshold frequency C. Quanta frequency D. All of above
20	An alternating quantity (voltage or current) is completely known if we know its:	A. Maximum B. Frequency and phase C. Effective value D. Both (a) & D. Both (b)