

Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	The circuit which compares the two voltages is.	A. LDR B. Sensor C. Comparator D. Logic gate
2	The Direction of induced current is always so as to oppose the change which causes the current, is:	A. Faraday's law B. Lenz's law C. Ohm's law D. Kirchoff's 1st rule
3	Force on a charged particle is zero when projected at angle with magnetic field.	A. 0° B. 90° C. 180° D. 270°
4	An electron in H-atom is excited from ground state $n=4$, How many spectral lines are possible in this case.	A. 6 B. 5 C. 4 D. 3
5	A charged particle enters in a strong magnetic field its K.E.	A. Remain constant B. Increases C. Decreases D. Increases then decreases
6	Kirchoff's first rule is the manifestation of the law of conservation of.	A. Mass B. Charge C. Energy D. Momentum
7	The potential difference across depletion region in case of Si is	A. 0.6 volt B. 0.9 volt C. 0.7 volt D. 0.2 volt
8	1 Henry =	A. VSA^{-1} B. VA^{-1} C. $V^{-1}SA$ D. VSA^{-2}
9	Power dissipation is a pure inductive or in a pure capacitance circuit is:	A. 10^6 B. 0 C. 10^{-1} D. Maximum
10	The product of resistance and conductance is	A. 1 B. Resistivity C. Conductance D. Zero
11	With the speed of motor, magnitude of back emf	A. Remain same B. Increase C. Decrease D. First increases then decreases
12	If an electron is projected in a magnetic field with velocity V, it will experience a force	
13	Nuclear fission chain reaction is controlled by using.	A. Cadmium rods B. Iron rods C. Platinum rods D. Steel rods
14	Those materials whose resistivity becomes zero at certain temperature is called:	A. Semiconductor B. Super conductor C. Conductor D. Insulator
15	Balmer series lies in	A. Visible region B. Invisible region C. Ultraviolet region D. Infrared region
16	The application of mutual induction is a.	A. D.C. motor B. Radio C. Television

D. Transformer

17	If speed of rotation of a generator is doubled the output voltage will be.	A. Remain same B. Double C. Four time D. One half
18	The photo copying process is called	A. Xerography B. Inkjet Printer C. Both (a) and (b) D. None of these
19	The mass of protons is:	A. 1.675×10^{-27} kg B. 1.693×10^{-27} kg C. 1.673×10^{-31} kg D. 1.673×10^{-27} kg
20	Charge on electron is	A. 1.6×10^{-19} C B. 1.6×10^{19} C C. 1.6×10^{-17} C D. 1.6×10^{17} C