

Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	When the back emf in a current is zero, it draws	A. Zero current B. Maximum current C. Minimum current D. Steady average current
2	Power dissipation is a pure inductive or in a pure capacitance circuit is:	A. 10^{6} B. 0 C. 10^{0} D. Maximum
3	Energy of Black body radiation depends upon	A. Nature of surface of body B. Nature of material of body C. Shape and size of body D. Temperature of the body
4	Coulomb's force is:	A. Conservative force B. None conservative force C. Similar to frictional force D. None of the above
5	The SI unit of Stress is:	A. Nm B. Nm^{-2} C. NM^{-2} D. Nm^{-3}
6	Electro encephalon graph is the diagnostic test for the working of.	A. Eye B. Heart C. Brain D. Lungs
7	In nuclear radiation , track of alpha particle is.	A. Thin B. Discontinuous C. Erratic D. Continuous
8	The device which are required to convert various physical quantities into electric voltage are called.	A. Filters B. Rectifiers C. Amplifiers D. Sensors
9	Glass and high steel carbon are example of.	A. Ductile substances B. Brittle substances C. Soft substances D. Hard substances
10	The unit of impedance is	A. Farad B. Henry C. Tesla D. Ohm
11	The thermistors convert changes of temperature into.	A. Light energy B. Electric voltage C. Heat D. Sound
12	Low level radiations effects	A. Less of hair B. Ulceration C. Drop of white blood cells D. All
13	All motions are	A. Absolute B. Uniform C. Relative D. Variable
14	The magnetic force is simply a	A. Reflecting force B. Deflecting force C. Restoring force D. Gravitational force
15	Production of x rays is reverse process of	A. Photo electric effect B. Compton effect C. Anihilation D. Pair production

16	The value of Stefan is constant is:	<p>A. $4.57 \times 10^{-8} \text{ m}^2 \text{ K}^{-2}$</p> <p>B. $5.67 \times 10^{-8} \text{ W m}^{-2} \text{ K}^{-4}$</p> <p>C. $6.67 \times 10^{-11} \text{ W m}^2 \text{ K}^{-4}$</p> <p>D. $7.45 \times 10^{-9} \text{ m}^2 \text{ W K}^{-3}$</p>
17	Number of Isotopes of Neon gas are	<p>A. 2</p> <p>B. 3</p> <p>C. 4</p> <p>D. 1</p>
18	The effective way to increase the sensitivity of moving coil galvanometer is.	<p>A. Increase the area of coil</p> <p>B. Increase the number of turn</p> <p>C. Increase the magnetic field</p> <p>D. Increase the value of constant C</p>
19	100 micro F capacitor is connects to an AC voltage 24 V and frequency 50 Hz. The reactance of the capacitor is.	<p>A. 30.8 Ohm</p> <p>B. 31.8 Ohm</p> <p>C. 34.8 Ohm</p> <p>D. 40 Ohm</p>
20	Electromagnetic induction is exactly according to law of:	<p>A. Momentum</p> <p>B. Charge</p> <p>C. Energy</p> <p>D. Mass</p>