

## Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	When a very high energy modeules such as $\gamma$ radiation interact with matter, the phenomenon arising will be.	A. Photoelectric effect B. Compton effect C. Pair production D. Annihilation of matter
2	The electric intensity due to two oppositely charged plates is	D. None of these
3	Phase difference between V and I of an A.C through resistor is.	A. Zero Degree B. $90^\circ$ C. $80^\circ$ D. $120^\circ$
4	Hydrogen atom spectrum does not lie in	A. Ultraviolet region B. Visible region C. Infrared region D. X ray region
5	The reactance of inductor depends upon	A. L D. All of the above
6	A positive charge is moving towards an observer, The direction of magnetic induction will be.	A. Toward right B. Anti clockwise C. Clockwise D. Toward left
7	An ammeter is an electrical instrument which is used to measure.	A. Voltage B. Current C. Resistance D. None
8	The capacitance of a capacitor depends upon.	A. Thickness of plates B. Charges on the plates C. Voltage applied D. Geometry of the capacitor
9	Two up quarks and one down quarks makes a	A. Proton B. Newton C. Photon D. Meson
10	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
11	The combined effect of resistance and reactance in circuit is called:	A. Impedance B. Inductance C. Capacitance D. None of above
12	For automatic Switching of streetlight, the op amplifier is used as.	A. Inductor B. Converter C. Comparator D. Thermistor
13	Substance which break just after the elastic limit is reached are called as.	A. Ductile substances B. Hard substances C. Britto substances D. Soft substances
14	Photo copier and inkjet printer are the applications of	A. Magnetism B. Electricity C. Electro magnetism D. Electrostatics
15	Magnetic effect of current is used in.	A. Toaster B. Electric iron C. Electric motor D. D.C. Battery
16	$X_C =$	A. $1/2\pi fc$ B. $2\pi fc$ C. $2\pi/fc$ D. $fc/2\pi$

17	Coercive force is used to	A. Demagnetize the material B. Magnetize the material C. Extend it D. None of these
18	A pentavalent impurity in Si	A. a free electron and a free hole B. a free hole C. a free electron D. No free particle
19	Which of the following series of hydrogen spectrum lies in ultra violet region.	A. Lyman series B. Paschen series C. Balmer series D. Bracket series
20	The types of quarks are.	A. 2 B. 3 C. 4 D. 6