

## Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Heat sensitive resistors are called.	A. resistors B. Capacitor C. Thermistors D. Inductors
2	In photocopier, then drum is coated with layer of.	A. Aluminium B. Copper C. Selenium D. silver
3	Production of x rays is reverse process of	A. Photo electric effect B. Compton effect C. Anihilation D. Pair production
4	In order to increase sensitivity of galvanometer the value of C may be	A. Increase B. Decrease C. Neither increase nor decrease D. Remain same
5	The mass of an object will be doubled at speed.	A. $2.6 \times 10^{8} \text{ m/s}$ B. $1.6 \times 10^{8} \text{ m/s}$ C. $2.6 \times 10^{7} \text{ m/s}$ D. $3.6 \times 10^{7} \text{ m/s}$
6	A perfect absorber must also be perfect	A. Cavity B. Sources of radiation C. Radiator D. None of these
7	The critical temperature of mercury is.	A. 1.18 K B. 4.2 K C. 3.72 K D. 7.2 K
8	In AC system we generate sine wave form because:	A. It can be easily draw B. It produces least disturbance in electrical circuits C. It is nature standard D. Other waves cannot be produced easily
9	At resonance, the behavior of R-L-C series circuit is.	A. Resistive B. Capacitive C. Inductive D. Modulative
10	The special theory of relativity based on.	A. One postulate B. Two postulates C. Three postulates D. Four postulates
11	The relative permittivity of air is	A. 79.5 B. 1.006 C. 1.06 D. 1.0006
12	If a low resistance is connected parallel to a galvanometer then galvanometer is converted.	A. Ammeter B. Voltammeter C. Ohmmeter D. Multimeter
13	Identify the practical application of electrostatic force.	A. Inkjet printer B. x rays C. Laser D. A.C. Generator
14	Torque is produced in a current carrying coil when it is placed in a	A. Magnetic field B. Electric field C. Gravitational field D. Nuclear field
15	Ampere second stands for the unit of.	A. Charge B. emf C. energy D. _ _

		D. Power
16	Metals are good conductors of electricity because they have	A. Large number of bounded electrons B. Small number of electrons C. Large number of free electrons D. Small number of free electrons
17	substance which undergo plastic deformation until they break are known as.	A. Brittle substances B. Ductile substance C. Non magnetic substance D. Magnetic substance
18	When transistor are used in digital circuits they usually operate in the :	A. Active region B. Break down region C. Saturation & cutoff regions D. Linear region
19	Efficiency of transformer does not affected by	A. Input voltage B. Core of transformer C. Insulation between sheet D. Resistance of coils
20	The AC system is preferred to DC system because:	A. AC voltage can be easily changed in magnitude B. DC motor angular velocity is affected badly C. High voltage AC transmission is less efficient D. Domestic appliance require AC voltage for their operation