

Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Impedance is denoted by:	A. A B. Z C. P D. Q
2	The Kirchoff 1 st rule is manifestation of:	A. Law of conservation of mass B. Law of Conservation of charge C. Law of conservation of energy D. None of above
3	The jerks in D.C. motor are created by the use of.	A. Armature B. Commutators C. Split rings D. Source of emf
4	Glass and high steel carbon are example of.	A. Ductile substances B. Brittle substances C. Soft substances D. Hard substances
5	Reflecting mirrors in laser is used to	A. Further stimulation B. For producing more energetic lasers C. Both (a) and (b) D. None of these
6	A diode characteristic curve is a plot between	A. Current and time B. Voltage and time C. Voltage and current D. Forward voltage and reverse voltage
7	The device which allows only the flow of D.C. is.	A. Capacitors B. transformer C. Inductor D. Generator
8	In gas the charge carriers are:	A. Electrons B. Ions C. Both a & b D. None of above
9	The number of crystal system are	A. Three B. Five C. Seven D. Fifteen
10	The reciprocal of decay constant λ of a radioactive element is.	A. Half life B. Mean life C. Curie D. total life
11	In purely resistive A.C circuit, instantaneous value of voltage and current:	A. Current lags behind voltage B. Current leads voltage by $\pi/2$ C. Both are in Phase D. Voltage leads current by $\pi/2$
12	The SI unit of magnetic induction Tesla is equal to	A. N-1 Am B. NA m ² C. NA-1n ² D. NA-1m ⁻¹
13	The unit of impedance is	A. Farad B. Henry C. Tesla D. Ohm
14	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

15	De-Broglie waves are associated with	A. Moving charged particles only B. Moving neutral particles only C. All moving particles D. All parties whether in motion or at rest
16	When platinum wire is heated, it changes to cherry red at temperature.	A. 500 ^o C B. 900 ^o C C. 1100 ^o C D. 1300 ^o C
17	A perfect absorber must also be perfect	A. Cavity B. Sources of radiation C. Radiator D. None of these
18	The dead time of G.M tube is.	A. 10 ⁻¹ sec B. 10 ⁻⁶ sec C. 10 ⁻⁴ sec D. 10 ⁻⁸ sec
19	Half life of radon gas is	A. 3.8 minutes B. 3.8 days C. 3.8 months D. 3.8 years
20	An ordinary glass gradually softness into a paste like state before it becomes a very viscous liquid which is possible at	A. 900 ^o C B. 600 ^o C C. 800 ^o C D. 100 ^o C