

Physics FSC Part 2 Online MCQ's Test

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Sr	Questions	Answers Choice
1	The idea of laser device was first introduced by C.H. Towners and Authers Schowlan is	A. 1972 B. 1965 C. 1958 D. 1913
2	Curie temperature is a point where :	A. Diamagnetism changes to paramagnetism B. Paramagnetism changes to Diamagnetism C. Ferromagnetism changes to paramagnetism D. Paramagnetism changes to Ferromagnetism
3	The electrostatic force between two charges is 42 N, If we place a dielectric of $\rm E_y$ =2.1 between the charges then the force become equal to.	A. 42 N B. 88.2 N C. 20 N D. 2 N
4	In LR circiut which one of the following statements is correct?	A. L and R opposes each other B. R value increases with frequency C. The inductive reactance increases with frequency D. The inductive reactance decreases with frequency
5	Very weak magnetic field produced by brain can be detected by	A. MRI B. CAT scans C. Squid D. CRO
6	Young's modulus for water's is	A. Zero B. 1 C. 2 D. 3
7	The SI unit of relative permittivity is.	A. Fm-1 B. C2N-1m-2 C. Nm2C-2 D. No unit
8	Semiconductor diodes are called:	A. Ohmic B. non ohmic C. Both a & D. none of above
9	Truth table of logic function.	A. Summarize its output values only B. Tabulates all its input conditions only C. Display all its input and output possibility D. Is not base on logic algebra
10	Drift velocity of electrons is.	A. 10 ⁻¹ m/s B. 10 ⁻² m/s C. 10 ⁻³ m/s D. 10 ³ m/s
11	For non-ohmic devices, the graph between V and I is	A. Not a straight line B. A straight line C. A curve D. All of above
12	James chadwick discovered:	A. Proton B. Positron C. Neutron D. Electron
13	Radio frequency choke is	A. Iron cored B. Air Cored C. Air as well as iron cored D. None of these
14	Heat energy is converted into electrical energy.	A. Solar cells B. thermocouples

		C. Electric generators D. None of above
15	When Ohm meter gives full scale deflection it indicates.	A. Zero resistance B. Infinite resistance C. Small resistance D. Very High resistance
16	Heat generated by a 40 W bulb in one hour is.	A. 140 J B. 1440 J C. 14400 J D. 144000 J
17	The charge number of Ba is.	A. 197 B. 141 C. 56 D. 85
18	Resistivity at a given temperature depends upon.	A. Area of cross section B. Length C. Nature of material of conductor D. Both length and area
19	Energy needed to produce an electron hole in solid state detector is.	A. 1 to 2 eV B. 3 to 4 eV C. 6 to 7 eV D. 8 to 9 eV
20	Two resistance of 2 Ohm each are connected in parallel combination equivalent resistance will be.	A. 4 Ohm B. 2 Ohm C. 1 Ohm D. 8 Ohm