Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	The series in visible region is:	A. Balmer series B. Pfund series C. Paschen series D. None of above
2	Curie is unit of.	A. Conductivity B. Binding energy C. Radioactivity D. Resistivity
3	If the kinetic energy of a free electron doubles, its de Broglie wavelength changes by the factor.	A. √2 B. 1/√2 C. 2 D. 1/2
4	A solid having regular arrangement of molecules throughout its structure is called.	A. Amorphous solid B. Polymeric solid C. Crystalline solid D. Glassy solid
5	Black Body radiation spectrum is an example of:	A. Atomic spectra B. Line spectra C. Continuous spectra D. None of above
6	The output voltage of a rectifier is.	A. Smooth B. Pulsating C. Alternating D. Per featly direct
7	Electric power:	A. Vx1 B. V²x1 C. V/1 D. V/1²
8	In modulation, low frequency signal is known as	A. Carrier wave B. fluctuated signal C. Modulated carrier signal D. Modulation signal
9	How many neutrons are there in the nuclide Zn^{66}?	A. 22 B. 30 C. 36 D. 66
10	Power dissipation is a pure inductive or in a pure capacitance circuit is:	A. 10⁶ B. 0 C. 10[◦] D. Maximum
11	The minimum energy required for occurrence of pair production is:	A. 1.022eV B. 1.02keV C. 1.02Me.V D. 1.04MeV
12	The direction of induced current is always so as to oppose the change which causes the current is:	A. Faraday's law B. Lenz's law C. Ohm's law D. Kirchhoff's 1st rule
13	If a charge is at rest in a magnetic field then force on charge is	A. Zero B. Double C. One fourth D. Four times
14	The p-n junction in which p side is connected to+ive and n-side is -ve the junction is said to	A. Neutral B. Forward biased

	be:	C. Reversed biased D. None of above
15	The SI unit of magnetic induction 'B' Tesla is equal to.	A. NA-1m-1 B. Nam-1 C. NA-1 m D. Na2m-1
16	The number of Neutron is $^{238}U_{92}$is	A. 92 B. 238 C. 146 D. 330
17	A proton is about 1840 time than an electron. When it is accelerated by a potencial difference if 1 kV, its kinetic energy will be:	A. 1884 ke V B. 1/1840 keV C. 1 keV D. 920 keV
18	The number of lines per unit area passing perpendicular through an area is called	A. Flux B. Electric intensity C. Both (a) , (b) D. None of these
19	SI unit of electric flux is.	A. NmC¹ B. Nm⁻¹ C¹ C. Nm²C⁻¹ D. Nm³C²
20	Energy stored in an inductor is:	A. 1/2L²I B. 1/2L²/I C. _{1/2LI}² D. 1/2LI