

Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	In glass, molecules are irregularly arranged so it is known as.	A. Solid B. Liquid C. Solid liquid D. Gas
2	The building blocks of protons and neutrons are called.	A. lons B. Electrons C. Positrons D. quarks
3	The mass spectrum of naturally occurring neon shows the most abundant isotope has atomic mass.	A. 19 B. 20 C. 21 D. 22
4	Drum of photocopier is made of.	A. Copper B. Aluminum C. Nickel D. Cobalt
5	The phase difference between the current and voltage at resonce is:	A. 0 B. <span style="color: rgb(34, 34, 34); font-family: arial, sans-serif; font-size: <math>16px</math>,">π C <span style="color: rgb(34, 34, 34); font-family: arial, sans-serif; font-size: <math>16px</math>,">π D. <span style="color: rgb(34, 34, 34); font-family: arial, sans-serif; font-size: <math>16px</math>,">π D. <span style="color: rgb(34, 34, 34); font-family: arial, sans-serif; font-size: <math>16px</math>,">π/2
6	The north pole of a magnet is brought near a metallic ring. The direction of induced current in the ring will be:	A. Antoclockwise B. Clockwise C. First Clockwise and then Antoclockwise D. First anticlockwise and then Clockwise
7	For rectification we use.	A. Transformer B. Diode C. Choke D. Generator
8	The free electrons experience force.	A. In direction of -E B. In direction of E C. Both A and B D. All of the above
9	The SI unit of resistivity is.	A. Ohm m-2 B. Ohm m-1 C. Ohm m D. Ohm
10	Self induction does not depend on	A. Number of turns of the coil B. Area of cross section of the core C. Nature of material of the core D. Current through inductor
11	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 s1ast rule
12	In according with Bohr's theory the K.E of the electron is equal to:	A. ke ² /2r B. Ze ² /r C. Ze ² /r ² D. Ze ² /2 ²
13	If the length and number of turns of a solenoid are doubled strength of magnetic field with.	A. Be doubled B. Become half C. Not change D. Be four time
14	The reactance of inductor depends upon	A. L D. All of the above

15	The reciprocal of decay construct lamda of a radioactive element is.	A. Half life B. Mean life C. Curie D. total life
16	If there is no fourth band, tolerance is shows as	D. 10%
17	The inductive reactance of a coil is direction proportional to.	A. Inductance B. Resistance C. Frequency of A.C. D. Both frequency of A.C. and inductance
18	The middle region of electric field is:	A. Maximum field spot B. Zero field spot C. Perpendicular field spot D. All of above
19	is correct relation.	A. IT = 10 ⁻⁴ G B. IT = 10 ⁴ G C. IT = 10 ² G D. IT = 10 ⁻² G
20	The radio active nuclide $_{86}$ Ra 228 decays by a series of emissions of three alpha particles and one beta particle. The nuclide X finally formed is:	A. ₆₄ X ²²⁰ 86X ²²² 84X ²¹⁶ 88X ²¹⁵