Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	I amu =	A. 9.31 MeV B. 931 MeV C. 9.031 MeV D. None of above
2	Electric flux is a:	A. Scalar quantity B. Vector quantity C. Variable quantity D. None of these
3	Conversation of only one half of A.C. into D.C. is called.	A. Half wave amplification B. Wave amplification C. Half wave electrification D. Half wave rectification
4	The sum of positive and negative peak value called.	A. R.M.S. value B. P-P value C. Peak value D. Average value
5	James chadwick discovered:	A. Proton B. Positron C. Neutron D. Electron
6	In current carrying long solenoid the magnetic field produced does not depend upon.	A. The radius of solenoid B. Number of turns per unit length C. Current flowing through solenoid D. All of the above
7	Circulation of blood is studied by radio isotope.	A. Cobalt -60 B. Phosphorus -32 C. Sodium -24 D. Iodine -131
8	B2/2p is the expression of.	A. Lenz's law B. Magnetic energy C. Magnetic energy density D. Back emf
9	The fact that electric field exist in space around an electrical charge is	A. Electrical property B. Gravitational property C. Intrinsic property of nature D. Extrinsic property of nature
10	Ampere's law is applicable to:	A. Circular path B. Rectangular path C. To any closed path D. Nonwe of these
11	In D.C. generator, split rings act as.	A. Capacitor B. Commutator C. Resistor D. Inductor
12	The unit of radioactivity is:	A. Bequerel B. Henry C. Pascal D. Joule
13	If I_o is the peak value of current, then its root mean square value is given by	B. $2 I_o$ C. I_o D. $0.7 I_o$
14	The Si unit of Mutual inductance is:	A. $VA^{-1}S^{-1}$ B. VAS^{-1} C. VSA^{-1} D. ASV^{-1}
15	A.C. can be converted into D.C. by	A. An oscillator B. Detector C. An amplifier D. Rectifier

16	When a pot difference of 4 volt is applied across resistance, 10 J of energy is converted Find charge flows	A. 0.20 C B. 2.5 C C. 5.0 C D. 10.0 C
17	The wave form of alternating voltage is a	A. Cotangent curve B. Cosine curve C. Sine curve D. Tangent curve
18	The A.M. transmission frequencies range from	A. 540 KHz to 1000 KHz B. 540 Khz to 1600 KHz C. 520 KHz TO 1600 KHz D. 520 KHz TO 1400 KHz
19	Internal frame is a frame is which	A. 1st law holds B. 2nd law holds C. 3rd law holds D. Kelvin's law holds
20	A capacitor stores energy in the form of.	A. Magnetic field B. Heat energy C. Electrical energy D. Mechanical energy