Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	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
2	1 rem =	A. 0.001 SV B. 0.01 SV C. 0.1 SV D. 1.01 SV
3	The electric intensity at infinite distance from the point charge is	A. Infinite B. Zero C. Positive D. Negative
4	Pair production can take place only when energy of radiation is equal and greater than 1.02 MeV, thus correct option is.	A. X rays B. Gama rays C. Heat Radiation D. Ultraviolet rays
5	In 'N' type material, the minority charge carriers are.	A. Free electrons B. Holes C. Protons D. Mesons
6	A transistor has parts:	A. 2 B. 3 C. 4 D. 5
7	The particles equal in mass but greater than proton are.	A. Mesons B. Baryons C. Leptons D. Hadrons
8	If both the magnitude of charges and distance between them is doubled, then coulomb's force will be.	A. Doubled B. Hlaf C. Remain same D. One fourth
9	We can find from de Broglie formula	A. Wavelength B. Amplitude C. Speed of wave D. Frequency of wave
10	split rings are used in	A. A.C. generator B. A.C. motor C. Transformer D. D.C. motor
11	The half life of radioactive elements depends upon	A. Temperature B. Nature of element C. Amount of the radioactive substance D. Pressure
12	Circulation of blood is studied by radio isotope.	A. Cobalt -60 B. Phosphorus -32 C. Sodium -24 D. Iodine -131
13	Dielectric constant $_{\varepsilon r}$ for air is:	A. 1 B. 1.006 C. 1.0002 D. 1.0006
14	When a wire is stretched and its radius becomes r/2, then its resistance will be	A. 16 R B. 4 R C. 2R D. 0
15	Number of Isotopes of Neon gas are	A. 2 B. 3 C. 4 D. 1

16	We can never accurately describes all aspects of sbatomic particles simulatanously. It is correct according to:	A. Uncertainity Priciple B. De-broglie Theory C. Einstin Theory D. Photo electric effect
17	The unit of induced emf is	A. Ampere B. Volt C. Joule/coulomb D. Both (b) and (c)
18	The powers of two electric bulbs are 100w and 200w. Which are connected to power supply of 220 V. The ratio of resistance of their filament will be:	A. 1:2 B. 2:1 C. 1:3 D. 4:3
19	X=A+B is the mathematical notation for.	A. OR gate B. NOR gate C. NAND gate D. AND gate
20	The resistance between the inverting (-) and non inverting inputs is called Input resistance and is the order of.	A. Ohms B. Kilo Ohms C. Mega Ohms D. Thounds Ohms