Physics FSC Part 2 Chapter 21 Online MCQ's Test

Sr	Questions	Answers Choice
1	The scientist who suggested the presence of neutron was:	A. Bohr B. Rutherford C. Chadwick D. J.J Thomson
2	Which one of the following is not affected by electric or magnetic field.	A. Beta rays B. Gama ryas C. Alpha rays D. Electron
3	Cosmic rays consist of	A. Protons B. High energy photons C. Positron D. All of above
4	Controlling rods inserted into the reactor are of metal:	A. Aluminium B. Cadmium C. Magnesium D. Copper
5	Curie is unit of.	A. Conductivity B. Binding energy C. Radioactivity D. Resistivity
6	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
7	GM counter uses	A. Alcohol only B. Bromine C. argon D. Neon and bromine
8	The amount of energy equivalent to 1 a.m.u is	A. 931.5 MeV B. 93.15 MeV C. 9.315 MeV D. 2.224 MeV
9	Cobalt -60 is the source for	A. Alpha rays B. Gama rays C. Beta rays D. Neutron
10	A pair of quark and anti quark makes a.	A. Meason B. harden C. Lapton D. Baryon
11	Which of the following is typical source of alpha particle.	A. Strontium -94 B. Radon -222 C. Cobalt -60 D. Zic sulphate
12	X -rays are similar in nature to.	A. Gama rays B. Beta rays C. Alpha rays D. Cathode rays
13	Half life of Uranium -239 is	A. 26.5 minutes B. 24.5 minutes C. 25.5 minutes D. 23.5 minutes
14	There is no charge in A and Z of any radioactive element by the emission of.	A. Alpha particle B. Beta particle C. Gama particle D. X- rays
15	Nuclear fission was discovered by:	A. Otto Hahn B. Friz strassmann C. Both a and b D. Michaelson

16	amu =	A. 1.06 x 10⁻²⁷ kg B. 1.6606 x 10⁻²⁷ kg C. 1.520 x 10⁻²¹ kg D. 1.6606 x 10⁻³¹ kg
17	The mass of beta particle is equal to mass of.	A. Protons B. Electrons C. Neutrons D. Boron
18	Materials can be identified by measuring their	A. Mass B. Half life C. Both a and b D. None of a,b,c
19	For workers in nuclear facilities is, a weekly does of is normally considered safe	A. 1.0 msv B. 5.0 msv C. 2.0 msv D. 3.0 msv
20	The SI unit of decay constant is	A. m B. m⁻¹ C. S⁻¹ D. Nm⁻¹