

Physics FSC Part 2 Chapter 21 Online MCQ's Test

Sr	Questions	Answers Choice
1	Two down and one up quarks make	A. Proton B. Neutron C. <strike>photon</strike> D. Positron
2	The mass of proton in amu is:	A. 1.07276 B. 1.7276 C. 1.007276 D. 1.0007276
3	X -rays are similar in nature to.	A. Gama rays B. Beta rays C. Alpha rays D. Cathode rays
4	Unit of decay constantλ is:	A. ms B. m ⁻¹ C. m D. S ⁻¹
5	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
6	Half life of radon gas is	A. 3.8 minutes B. 3.8 days C. 3.8 months D. 3.8 years
7	If the following particle have the same energy, which particle has the shortest wave length.	A. alpha particle B. Neutron C. Beta particle D. Proton
8	The SI unit of decay constant is	A. m B. m ⁻¹ C. S ⁻¹ D. Nm ⁻¹
9	Subatomic particles are divided into groups.	A. Photon B. Laptons C. Hadrons D. All of these
10	Low level radiations effects	A. Less of hair B. Ulceration C. Drop of white blood cells D. All
11	Gamma rays from cobalt -60 are used for treatment of.	A. Circulation of blood B. Cancer C. Heart Attack D. Thyroid glands
12	The force which is responsible for the breaking up of the radioactive element is.	A. Weak nuclear force B. Strong nuclear force C. Electromagnetic force D. Gravitational force
13	A particles equal or greater in mass than of protons are called.	A. Baryons B. Leptons C. Mesons D. Quarks
14	The reciprocal of decay construct lamda of a radioactive element is.	A. Half life B. Mean life C. Curie D. total life
15	When nitrogen is bombarded by alpha particles nitrogen nucleus changes into	A. Oxygen B. Carbon C. Barium D. Helium

16	When gama rays are emitted, the nuclear mass.	A. Decreases by 4 units B. Does not change C. Increases by 2 units D. Increase by 1 unit
17	Which of the following is similar to electron.	A. Beta particle B. Alpha particle C. Neutron D. Proton
18	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
19	James chadwick discovered:	A. Proton B. Positron C. Neutron D. Electron
20	A pair of quark and anti quark makes a.	A. Meason B. harden C. Lapton D. Baryon