

Physics FSC Part 2 Chapter 21 Online MCQ's Test

Sr	Questions	Answers Choice
1	Number of Isotopes of Neon gas are	A. 2 B. 3 C. 4 D. 1
2	Hydrogen bomb is an example of.	A. Nuclear fissionB. Nuclear fusionC. Chain reactionD. Chemical reaction
3	The energy equivalent of 1 kg of matter is about:	A. 10 ⁻¹⁵ J B. 1 J C. 10 ⁻¹² J D. 10 ⁻¹⁷ J
4	Two up quarks and one down quarks makes a	A. Proton B. Newton C. Photon D. Meson
5	The building blocks of protons and neutrons are called.	A. lons B. Electrons C. Positrons D. quarks
6	The radioactive decay obeys the law	
7	When a nucleus emits alpha particle its atomic mass decreases by	A. 1 B. 2 C. 3 D. 4
8	Alpha particle carries a charge.	Ae B. +2e C2e D. No charge
9	What is difference is isotopes	A. Number of protons B. Number of neutrons C. Number of electrons D. Charge number
10	Subatomic particles are divided into groups.	A. Photon B. Laptons C. Hadrons D. All of these
11	The early Greeks believed that matter waves was	A. Discrete B. Continuous C. Both continuous and discrete D. All of above
12	1 amu is equal to	A. 1.0606 x 10 ⁻²⁷ kg B. 1.66 x 10 ⁻³¹ kg C. 1.66 x 10 ⁻³⁴ kg D. 1.66 x 10 ⁻¹⁹ kg
13	The dead time of G.M tube is.	A. 10 ⁻¹ sec B. 10 ⁻⁶ sec C. 10 ⁻⁴ sec D. 10 ⁻⁸ sec
14	lodine -131 is used for the treatment by	A. Bones B. Eyes C. thyroid glands D. Lungs
15	Energy released by conversion of 1 amu is	A. 200 MeV B. 931 MeV C. 233 MeV D. 243 MeV
16	The energy of photon for photoelectric effect is less than	A. 1 MeV B. 2 MeV C. 5 MeV

		D. 8 MeV
7	One joule of energy absorbed per kilogram of a body is	A. Roentgen B. Grey C. Rem D. Curie
3	The reciprocal of decay construct lamda of a radioactive element is.	A. Half life B. Mean life C. Curie D. total life
)	The mass of beta particle is equal to mass of.	A. Protons B. Electrons C. Neutrons D. Boron
0	Two down and one up quarks make	A. Proton B. Neutron C. <strike>photon</strike> D. Positron