Physics FSC Part 2 Chapter 21 Online MCQ's Test

Sr	Questions	Answers Choice
1	Energy released by conversion of 1 amu is	A. 200 MeV B. 931 MeV C. 233 MeV D. 243 MeV
2	The scientist who suggested the presence of neutron was:	A. Bohr B. Rutherford C. Chadwick D. J.J Thomson
3	The charge number of Ba is.	A. 197 B. 141 C. 56 D. 85
4	Which of the following basic force is able to provide an attraction between two neutrons:	A. Electrostatic and nuclear b B. Electrostatic and gravitational C. Gravitational and strong nuclear D. Only nuclear force
5	Which is true for both alpha particle and gama rays.	A. They cause ionization in air B. They can be deflected by electric field C. They can be deflected by magnetic field D. The y can penetrate a few millimeters of aluminium
6	Radioactivity happen due to the disintegration of	A. Nucleus B. Mass C. Electrons D. Protons
7	The types of quacks are.	A. 2 B. 3 C. 4 D. 6
8	The most abundant isotope of neon is:	A. Neon 21 B. Neon 20 C. Neon 22 D. None of above
9	Low level radiations effects	A. Less of hair B. Ulceration C. Drop of white blood cells D. All
10	The place for soring the nuclear waste is	A. Ocean B. Damping in earth C. Damping in desert D. Bottom of old salt mines
11	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
12	The unit of radioactivity is:	A. Bequerel B. Henry C. Pascal D. Joule
13	Curie is unit of.	A. Conductivity B. Binding energy C. Radioactivity D. Resistivity
14	The binding energy for_____ is maximum.	A. Copper B. Glass C. Iron D. Aluminum
		A. Thin and continuous tracks

15	In Wilson cloud chamber, ß-particles leave	B. Thick and continuous tracks C. No tracks D. Thin and discontinuous tracks
16	The number of protons in any atom are always equal to the number of	A. Neutrons B. Electrons C. Positrons D. Mesoris
17	When a nucleus emits an alpha particle, its atomic mass decreases by	A. 1 B. 2 C. 3 D. 4
18	Before and after nuclear reaction the number of protons and neutrons:	A. Must be different B. Must be decreased C. Must be increased D. Remains same
19	What is difference is isotopes	A. Number of protons B. Number of neutrons C. Number of electrons D. Charge number
20	Alpha particle carries a charge.	A. -e B. +2e C. -2e D. No charge