Physics ICS Part 2 Chapter 21 Online MCQ's Test

Sr	Questions	Answers Choice
1	Two up quarks and one down quarks makes a	A. Proton B. Newton C. Photon D. Meson
2	The total charge of any nucleus is:	A. Ze B. Z C. Both a and b D. None of above
3	Which pair belongs to hadrons.	A. Protons and Neutrons B. Neutrons and electrons C. Photons and electrons D. positrons and electrons
4	Number of Isotopes of Neon gas are	A. 2 B. 3 C. 4 D. 1
5	Mass equivalent of 931 MeV energy is:	A. 6.02 x 10⁻²³ kg B. 1.766 x 10⁻²⁷kg C. 2.67 x 10⁻²⁹kg D. 6.02 x 10⁻⁸⁷kg
6	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
7	Binding energy for deuteron nucleus is given by	A. 2.8 MeV B. 2.23 MeV C. 2.28 MeV D. 2.25 MeV
8	Mass of meason is	A. Greater then proton B. Less than proton C. Equal to proton D. Equal to neutron
9	I amu =	A. 9.31 MeV B. 931 MeV C. 9.031 MeV D. None of above
10	The dead time of G.M tube is.	A. 10⁻¹ sec B. 10⁻⁶sec C. 10⁻⁴sec D. 10⁻⁸sec
11	A proton consists of quarks which are.	A. Two up, one down B. One up, two down C. All up D. All down
12	Both xenon and caesium each have:	A. 41 isotopes B. 36 isotopes C. 43 isotopes D. 33 isotopes
13	In nuclear radiation , track of alpha particle is.	A. Thin B. Discontinuous C. Erratic D. Continuous
14	X -rays are similar in nature to.	A. Gama rays B. Beta rays C. Alpha rays D. Cathode rays
15	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

16	In Wilson cloud chamber, ß-particles leave	A. Thin and continuous tracks B. Thick and continuous tracks C. No tracks D. Thin and discontinuous tracks
17	One joule of energy absorbed per kilogram of a body is	A. Roentgen B. Grey C. Rem D. Curie
18	The place for soring the nuclear waste is	A. Ocean B. Damping in earth C. Damping in desert D. Bottom of old salt mines
19	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
20	Curie is unit of.	A. Conductivity B. Binding energy C. Radioactivity D. Resistivity