Physics ICS Part 2 Chapter 21 Online MCQ's Test

Sr	Questions	Answers Choice
1	The place for soring the nuclear waste is	A. Ocean B. Damping in earth C. Damping in desert D. Bottom of old salt mines
2	A pair of quark and anti quark makes a.	A. Meason B. harden C. Lapton D. Baryon
3	Two down and one up quarks make	A. Proton B. Neutron C. <strike>photon</strike> D. Positron
4	The scientist who suggested the presence of neutron was:	A. Bohr B. Rutherford C. Chadwick D. J.J Thomson
5	A positron is a particle having.	A. Mass equal to electron B. Charge equal to electron C. Mass equal to mass of electron but charge opposite to charge of electron. D. Mass equal to proton
6	Which one of the following is not affected by electric or magnetic field.	A. Beta rays B. Gama ryas C. Alpha rays D. Electron
7	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
8	The mass of beta particle is equal to mass of.	A. Protons B. Electrons C. Neutrons D. Boron
9	1 gray is equal to.	A. 1 JKg-1 B. 1KgJ-1 C. 1JKg D. 1 JKg-2
10	Half life of radon gas is	A. 3.8 minutes B. 3.8 days C. 3.8 months D. 3.8 years
11	The charge on Beta particle is	A. +e B. -e C. -2e D. None of these
12	A device that shows the visible path of ionizing particle is called.	A. GM counter B. Solid state detector C. Scalar D. Wilson cloud chamber
13	The building blocks of protons and neutrons are called.	A. Ions B. Electrons C. Positrons D. quarks
14	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

15	Half life of Uranium -239 is	A. 26.5 minutes B. 24.5 minutes C. 25.5 minutes D. 23.5 minutes
16	The number of neutron present in a nucleus in a given by	A. N = A+Z B. N = A- z C. N = Z - A D. N = A X Z
17	The number of Isotopes of cesium are.	A. 4 B. 32 C. 22 D. 36
18	Unit of decay constantλ is:	A. ms B. m⁻¹ C. m D. S⁻¹
19	Both Xenon and cesium have	A. 33 isotopes B. 34 Isotopes C. 36 Isotopes D. 35 Isotopes
20	Subatomic particles are divided into groups.	A. Photon B. Laptons C. Hadrons D. All of these