

Physics FSC Part 2 Chapter 21 Online MCQ's Test

Sr	Questions	Answers Choice
1	Half life of radon gas is	A. 3.8 minutes B. 3.8 days C. 3.8 months D. 3.8 years
2	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
3	Mass equivalent of 931 MeV energy is:	A. 6.02 x 10 ⁻²³ kg B. 1.766 x 10 ⁻²⁷ kg C. 2.67 x 10 ⁻²⁹ kg D. 6.02 x 10 ⁻⁸⁷ kg
4	Which one of the following is not affected by electric or magnetic field.	A. Beta rays B. Gama ryas C. Alpha rays D. Electron
5	The charge of an alpha particle is equal to	Ae B. +e C2e D. 2e
6	How many neutrons are there in the nuclide Zn ⁶⁶ ?	A. 22 B. 30 C. 36 D. 66
7	Which particle has larger range in air.	A. Alpha rays B. Gama rays C. Beta rays D. Neutron
8	Gamma rays from cobalt -60 are used for treatment of.	A. Circulation of blood B. Cancer C. Heart Attack D. Thyroid glands
9	Energy needed to produce an electron hole in solid state detector is.	A. 1 to 2 eV B. 3 to 4 eV C. 6 to 7 eV D. 8 to 9 eV
10	The number of Isotopes of cesium are.	A. 4 B. 32 C. 22 D. 36
11	Which of the following is typical source of alpha particle.	A. Strontium -94 B. Radon -222 C. Cobalt -60 D. Zic sulphate
12	Low level radiations effects	A. Less of hair B. Ulceration C. Drop of white blood cells D. All
13	Two down and one up quarks make	A. Proton B. Neutron C. <strike>photon</strike> D. Positron
14	Binding energy per nucleus for uranium is above:	A. 6.7 Mev B. 7.7 Mev C. 6.9 MeV D. 7.9 MeV
15	The particles equal in mass but greater than proton are.	A. Mesons B. Baryons C. Leptons D. Hadrons

16	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
17	The place for soring the nuclear waste is	A. OceanB. Damping in earthC. Damping in desertD. Bottom of old salt mines
18	Gamma radiations are emitted due to:	A. De-excitation of atomB. De-excitation of nucleusC. Excitation of atomD. Excitation of nucleus
19	When nitrogen is bombarded by alpha particles nitrogen nucleus changes into	A. Oxygen B. Carbon C. Barium D. Helium
20	Alpha particle carries a charge.	Ae B. +2e C2e D. No charge