

Physics FSC Part 2 Chapter 21 Online MCQ's Test

Sr	Questions	Answers Choice
1	Which one of the following is not affected by electric or magnetic field.	A. Beta rays B. Gama ryas C. Alpha rays D. Electron
2	The unit of radioactivity is:	A. Bequerel B. Henry C. Pascal D. Joule
3	The dead time of G.M tube is.	A. 10 ⁻¹ sec B. 10 ⁻⁶ sec C. 10 ⁻⁴ sec D. 10 ⁻⁸ sec
4	The charge number of Ba is.	A. 197 B. 141 C. 56 D. 85
5	If the following particle have the same energy, which particle has the shortest wave length.	A. alpha particle B. Neutron C. Beta particle D. Proton
6	The potential difference between the top and bottom of a cloud chamber is of the order of	A. 290 v B. 400 v C. 1 kv D. None of above
7	The force which is responsible for the breaking up of the radioactive element is.	A. Weak nuclear force B. Strong nuclear force C. Electromagnetic force D. Gravitational force
8	Materials can be identified by measuring their	A. Mass B. Half life C. Both a and b D. None of a,b,c
9	When nitrogen is bombarded by alpha particles nitrogen nucleus changes into	A. Oxygen B. Carbon C. Barium D. Helium
10	One joule of energy absorbed per kilogram of a body is	A. Roentgen B. Grey C. Rem D. Curie
11	Half life of Uranium -239 is	A. 26.5 minutes B. 24.5 minutes C. 25.5 minutes D. 23.5 minutes
12	The number of protons in any atom are always equal to the number of	A. Neutrons B. Electrons C. Positrons D. Mesoris
13	The particles equal in mass but greater than proton are.	A. Mesons B. Baryons C. Leptons D. Hadrons
14	Hydrogen bomb is an example of.	A. Nuclear fission B. Nuclear fusion C. Chain reaction D. Chemical reaction
15	The types of quacks are.	A. 2 B. 3 C. 4 D. 6

16	A particles equal or greater in mass than of protons are called.	A. Baryons B. Leptons C. Mesons D. Quarks
17	Which of the following are not hadrons.	A. Muons B. Mesons C. Positrons D. Neutrons
18	Bottom quark carries charge :	A. 2/3 e B2/3 e C. +1/3 e D1 /3 e
19	The mass of proton in amu is:	A. 1.07276 B. 1.7276 C. 1.007276 D. 1.0007276
20	Number of Isotopes of Neon gas are	A. 2 B. 3 C. 4 D. 1