

## Physics ICS Part 2 Chapter 21 Online MCQ's Test

Sr	Questions	Answers Choice
1	Marie Curie and Pierre Curie discovered.	A. Uranium B. Uranium and Radium C. Polonium and radium D. Radium
2	The mass of beta particle is equal to mass of.	A. Protons B. Electrons C. Neutrons D. Boron
3	The number of neutrons in Li are	A. 2 B. 3 C. 4 D. 7
4	The charge on Beta particle is	A. +e Be C2e D. None of these
5	The reciprocal of decay construct lamda of a radioactive element is.	A. Half life B. Mean life C. Curie D. total life
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	A radio active substance has a half life of four months. 3 -fourth of the substance will decay in:	A. 6 months B. 8 months C. 12 months D. 16 months
8	The most useful tracer is.	A. Strontium -90 B. lodine -31 C. Cobalt -60 D. Carbon -14
9	Nuclear fission was discovered by:	A. Otto Hahn B. Friz strassmann C. Both a and b D. Michaelson
10	Binding energy per nucleon is maximum for	A. Platinum B. Iron C. Uranium D. Lead
11	The place for soring the nuclear waste is	A. Ocean B. Damping in earth C. Damping in desert D. Bottom of old salt mines
12	James chadwick discovered:	A. Proton B. Positron C. Neutron D. Electron
13	Materials can be identified by measuring their	A. Mass B. Half life C. Both a and b D. None of a,b,c
14	The SI unit of decay constant is	A. m  B. m <sup>-1</sup> C. S <sup>-1</sup> D. Nm <sup>-1</sup>
15	The number of Neutron is $^{238}$ U92is	A. 92 B. 238 C. 146 D. 330

16	The scientist who suggested the presence of neutron was:	A. Bohr B. Rutherford C. Chadwick D. J.J Thomson
17	A particles equal or greater in mass than of protons are called.	A. Baryons B. Leptons C. Mesons D. Quarks
18	The energy of photon for photoelectric effect is less than	A. 1 MeV B. 2 MeV C. 5 MeV D. 8 MeV
19	Which particle has larger range in air.	A. Alpha rays B. Gama rays C. Beta rays D. Neutron
20	The moderator used in a nuclear reactor	A. Sodium B. Uranium C. Graphite D. Cadmium