Physics ICS Part 2 Chapter 21 Online MCQ's Test

Sr	Questions	Answers Choice
1	Which of the following is similar to electron.	A. Beta particle B. Alpha particle C. Neutron D. Proton
2	The binding energy for_____ is maximum.	A. Copper B. Glass C. Iron D. Aluminum
3	The unit of radioactivity is:	A. Bequerel B. Henry C. Pascal D. Joule
4	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
5	Which particle has larger range in air.	A. Alpha rays B. Gama rays C. Beta rays D. Neutron
6	The moderator used in a nuclear reactor	A. Sodium B. Uranium C. Graphite D. Cadmium
7	The total charge of any nucleus is:	A. Ze B. Z C. Both a and b D. None of above
8	Subatomic particles are divided into groups.	A. Photon B. Laptons C. Hadrons D. All of these
9	X-rays are similar in nature to.	A. Gama rays B. Beta rays C. Alpha rays D. Cathode rays
10	Nuclear fission was discovered by:	A. Otto Hahn B. Friz strassmann C. Both a and b D. Michaelson
11	The number of Neutron is $^{238}U_{92}$is	A. 92 B. 238 C. 146 D. 330
12	The SI unit of decay constant is	A. m B. m⁻¹ C. S⁻¹ D. Nm⁻¹
13	Those elements whose charge number z is greater then _____ are unstable:	A. 80 B. 79 C. 82 D. 83
14	Cobalt -60 is the source for	A. Alpha rays B. Gama rays C. Beta rays D. Neutron
15	The number of protons in any atom are always equal to the number of	A. Neutrons B. Electrons C. Positrons D. Mesoris

16	Absorbed Dose 'D' is defined as	A. m/E B. E/C C. C/m D. E/m
17	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
18	Binding energy per nucleon is maximum for	A. Platinum B. Iron C. Uranium D. Lead
19	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
20	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