Physics FSC Part 2 Chapter 21 Online MCQ's Test

Sr	Questions	Answers Choice
1	The amount of energy equivalent to 1 a.m.u is	A. 931.5 MeV B. 93.15 MeV C. 9.315 MeV D. 2.224 MeV
2	Binding energy for deuteron nucleus is given by	A. 2.8 MeV B. 2.23 MeV C. 2.28 MeV D. 2.25 MeV
3	The binding energy per nucleon is maximum for	A. Helium B. Iron C. Potassium D. Radium
4	What is difference is isotopes	A. Number of protons B. Number of neutrons C. Number of electrons D. Charge number
5	The mass spectrum of naturally occurring neon shows the most abundant isotope has atomic mass.	A. 19 B. 20 C. 21 D. 22
6	Number of Isotopes of Neon gas are	A. 2 B. 3 C. 4 D. 1
7	Both Xenon and cesium have	A. 33 isotopes B. 34 Isotopes C. 36 Isotopes D. 35 Isotopes
8	The number of Isotopes of cesium are.	A. 4 B. 32 C. 22 D. 36
9	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. $N = A \times Z$
10	The charge number of Ba is.	A. 197 B. 141 C. 56 D. 85
11	The number of neutrons in Li are	A. 2 B. 3 C. 4 D. 7
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 number of Neutron is $^{238}U_{92}$ is	A. 92 B. 238 C. 146 D. 330
14	Bottom quark carries charge :	A. $2/3$ e B. $-2/3$ e C. $+1/3$ e D. $-1/3$ e
15	Which of the following basic force is able to provide an attraction between two neutrons:	A. Electrostatic and nuclear b B. Electrostatic and gravitational C. Gravitational and strong nuclear D. Only nuclear force

16	Unit of decay constant λ is:	A. ms B. m^{-1} C. m D. S^{-1}
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