

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

Sr	Questions	Answers Choice
1	The most abundant isotope of neon is:	A. Neon 21 B. Neon 20 C. Neon 22 D. None of above
2	Both xenon and caesium each have:	A. 41 isotopes B. 36 isotopes C. 43 isotopes D. 33 isotopes
3	The total charge of any nucleus is:	A. Ze B. Z C. Both a and b D. None of above
4	The mass of proton in amu is:	A. 1.07276 B. 1.7276 C. 1.007276 D. 1.0007276
5	amu =	A. $1.06 \times 10^{-27}$ kg B. $1.6606 \times 10^{-27}$ kg C. $1.520 \times 10^{-21}$ kg D. $1.6606 \times 10^{-31}$ kg
6	The mass of protons is:	A. $1.675 \times 10^{-27}$ kg B. $1.693 \times 10^{-27}$ kg C. $1.673 \times 10^{-31}$ kg D. $1.673 \times 10^{-27}$ kg
7	The scientist who suggested the presence of neutron was:	A. Bohr B. Rutherford C. Chadwick D. J.J Thomson
8	Low level radiations effects	A. Less of hair B. Ulceration C. Drop of white blood cells D. All
9	In Wilson cloud chamber, if tracks are thick, straight and continuous, then particle is	A. $\alpha$ -particles B. $\beta$ -particles C. Y-rays D. All
10	The energy of photon for photoelectric effect is less than	A. 1 MeV B. 2 MeV C. 5 MeV D. 8 MeV
11	The mass spectrum of naturally occurring neon, showing	A. 1 isotope B. 2 isotope C. 3 isotope D. 4 isotope
12	One joule of energy absorbed per kilogram of a body is	A. Roentgen B. Grey C. Rem D. Curie
13	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
14	In Wilson cloud chamber, $\beta$ -particles leave	A. Thin and continuous tracks B. Thick and continuous tracks C. No tracks D. Thin and discontinuous tracks
15	The first atomic reactor was introduced by	A. Currie B. Enrico Fermi C. Newton

D. Bohr

16 The SI unit of decay constant is

- A. m
- B.  $\text{m}^{-1}$
- C.  $\text{s}^{-1}$
- D.  $\text{Nm}^{-1}$

17 The radioactive decay obeys the law