

Physics FSC Part 2 Chapter 21 Online MCQ's Test

Sr	Questions	Answers Choice
1	The charge number of Ba is.	A. 197 B. 141 C. 56 D. 85
2	Rutherford performed on experiment on a nuclear reaction in:	A. 1921 B. 1981 C. 1927 D. 1932
3	The radioactive decay obeys the law	
4	The moderator used in a nuclear reactor	A. Sodium B. Uranium C. Graphite D. Cadmium
5	A pair of quark and anti quark makes a.	A. Meason B. harden C. Laption D. Baryon
6	What is difference is isotopes	A. Number of protons B. Number of neutrons C. Number of electrons D. Charge number
7	When a nucleus emits an alpha particle, its atomic mass decreases by	A. 1 B. 2 C. 3 D. 4
8	Cobalt -60 is the source for	A. Alpha rays B. Gama rays C. Beta rays D. Neutron
9	The most useful tracer is.	A. Strontium -90 B. Iodine -31 C. Cobalt -60 D. Carbon -14
10	The scientist who suggested the presence of neutron was:	A. Bohr B. Rutherford C. Chadwick D. J.J Thomson
11	Iodine -131 is used for the treatment by	A. Bones B. Eyes C. thyroid glands D. Lungs
12	The dead time of G.M tube is.	A. 10^{-1} sec B. 10^{-6} sec C. 10^{-4} sec D. 10^{-8} sec
13	Circulation of blood is studied by radio isotope.	A. Cobalt -60 B. Phosphorus -32 C. Sodium -24 D. Iodine -131
14	Which one belongs to lepton's group	A. Electron B. Muons C. Neutrons D. All of these
15	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
16	The energy of photon for photoelectric effect is less than	A. 1 MeV B. 2 MeV C. 5 MeV

D. 8 MeV

17 The most abundant isotope of neon is:

- A. Neon 21
- B. Neon 20
- C. Neon 22
- D. None of above

18 Subatomic particles are divided into groups.

- A. Photon
- B. Laptoms
- C. Hadrons
- D. All of these

19 Which particle has larger range in air.

- A. Alpha rays
- B. Gama rays
- C. Beta rays
- D. Neutron

20 Which of the following are not hadrons.

- A. Muons
- B. Mesons
- C. Positrons
- D. Neutrons