

Physics FSC Part 2 Chapter 21 Online MCQ's Test

Sr	Questions	Answers Choice
1	The charge on Beta particle is	A. +e B. -e C. -2e D. None of these
2	The moderator used in a nuclear reactor	A. Sodium B. Uranium C. Graphite D. Cadmium
3	The most useful tracer is.	A. Strontium -90 B. Iodine -31 C. Cobalt -60 D. Carbon -14
4	The energy of photon for photoelectric effect is less than	A. 1 MeV B. 2 MeV C. 5 MeV D. 8 MeV
5	Which of the following is similar to electron.	A. Beta particle B. Alpha particle C. Neutron D. Proton
6	When a nucleus emits an alpha particle, its atomic mass decreases by	A. 1 B. 2 C. 3 D. 4
7	Those elements whose charge number z is greater than _____ are unstable:	A. 80 B. 79 C. 82 D. 83
8	The types of quarks are.	A. 2 B. 3 C. 4 D. 6
9	The dead time of G.M tube is.	A. 10^{-1} sec B. 10^{-6} sec C. 10^{-4} sec D. 10^{-8} sec
10	A positron is a particle having.	A. Mass equal to electron B. Charge equal to electron C. Mass equal to mass of electron but charge opposite to charge of electron. D. Mass equal to proton
11	Charge on an electron was determined by	A. Ampere B. Millikan C. Maxwell D. Bohr
12	James Chadwick discovered:	A. Proton B. Positron C. Neutron D. Electron
13	Hydrogen bomb is an example of.	A. Nuclear fission B. Nuclear fusion C. Chain reaction D. Chemical reaction
14	Cobalt -60 is the source for	A. Alpha rays B. Gamma rays C. Beta rays D. Neutron
15	The number of isotopes of cesium are.	A. 4 B. 32 C. 22 D. 2

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- 16 Gamma rays from cobalt -60 are used for treatment of.
- A. Circulation of blood
B. Cancer
C. Heart Attack
D. Thyroid glands
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- 17 Unit of decay constant λ is:
- A. ms
B. m^{-1}
C. m
D. s^{-1}
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- 18 Which one of the following is not affected by electric or magnetic field.
- A. Beta rays
B. Gamma rays
C. Alpha rays
D. Electron
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- 19 How many times, the alpha particle is more massive than electrons.
- A. 6332
B. 7332
C. 8332
D. 9332
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- 20 Which of the following are not hadrons.
- A. Muons
B. Mesons
C. Positrons
D. Neutrons
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