

Physics ICS Part 2 Chapter 21 Online MCQ's Test

Sr	Questions	Answers Choice
1	The particles which do not experience strong force are called.	A. Baryons B. Hadrons C. Mesons D. Laptons
2	1 amu is equal to	A. 1.0606×10^{-27} kg B. 1.66×10^{-31} kg C. 1.66×10^{-34} kg D. 1.66×10^{-19} kg
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	The charge on Beta particle is	A. +e B. -e C. -2e D. None of these
6	Nuclear fission chain reaction is controlled by using.	A. Cadmium rods B. Iron rods C. Platinum rods D. Steel rods
7	Half life of radon gas is	A. 3.8 minutes B. 3.8 days C. 3.8 months D. 3.8 years
8	One joule of energy absorbed per kilogram of a body is	A. Roentgen B. Grey C. Rem D. Curie
9	Absorbed Dose 'D' is defined as	A. m/E B. E/C C. C/m D. E/m
10	1 gray is equal to.	A. 1 JKg ⁻¹ B. 1KJg ⁻¹ C. 1JKg D. 1 JKg ⁻²
11	Which of the following are not hadrons.	A. Muons B. Mesons C. Positrons D. Neutrons
12	Curie is unit of.	A. Conductivity B. Binding energy C. Radioactivity D. Resistivity
13	The energy equivalent of 1 kg of matter is about:	A. 10^{-15} J B. 1 J C. 10^{-12} J D. 10^{-17} J
14	Various types of cancer are treated by	A. Carbon -14 B. Nickel -63 C. Cobalt -60 D. Strontium -90
15	The particles equal in mass but greater than proton are.	A. Mesons B. Baryons C. Leptons D. Hadrons

16	Circulation of blood is studied by radio isotope.	A. Cobalt -60 B. Phosphorus -32 C. Sodium -24 D. Iodine -131
17	The early Greeks believed that matter waves was	A. Discrete B. Continuous C. Both continuous and discrete D. All of above
18	Before and after nuclear reaction the number of protons and neutrons:	A. Must be different B. Must be decreased C. Must be increased D. Remains same
19	The dead time of G.M tube is.	A. 10^{-1} sec B. 10^{-6} sec C. 10^{-4} sec D. 10^{-8} sec
20	Nuclear fission was discovered by:	A. Otto Hahn B. Friz strassmann C. Both a and b D. Michaelson