

Physics ICS Part 2 Chapter 21 Online MCQ's Test

Sr	Questions	Answers Choice
1	Various types of cancer are treated by	A. Carbon -14 B. Nickel -63 C. Cobalt -60 D. Strontium -90
2	Iodine -131 is used for the treatment by	A. Bones B. Eyes C. thyroid glands D. Lungs
3	The most useful tracer is.	A. Strontium -90 B. Iodine -31 C. Cobalt -60 D. Carbon -14
4	Circulation of blood is studied by radio isotope.	A. Cobalt -60 B. Phosphorus -32 C. Sodium -24 D. Iodine -131
5	Gamma rays from cobalt -60 are used for treatment of.	A. Circulation of blood B. Cancer C. Heart Attack D. Thyroid glands
6	The background radiation to which we are exposed, on the average is.	A. 1 mSv per year B. 2 mSv per year C. 3 mSv per year D. 4 mSv per year
7	Curie is unit of.	A. Conductivity B. Binding energy C. Radioactivity D. Resistivity
8	For workers in nuclear facilities is, a weekly does of is normally considered safe	A. 1.0 msv B. 5.0 msv C. 2.0 msv D. 3.0 msv
9	1 gray is equal to.	A. 1 JKg-1 B. 1KJ-1 C. 1JKg D. 1 JKg-2
10	Absorbed Dose 'D' is defined as	A. m/E B. E/C C. C/m D. E/m
11	Hydrogen bomb is an example of.	A. Nuclear fission B. Nuclear fusion C. Chain reaction D. Chemical reaction
12	The moderator used in a nuclear reactor	A. Sodium B. Uranium C. Graphite D. Cadmium
13	Nuclear fission chain reaction is controlled by using.	A. Cadmium rods B. Iron rods C. Platinum rods D. Steel rods
14	The place for storing the nuclear waste is	A. Ocean B. Damping in earth C. Damping in desert D. Bottom of old salt mines
15	The quantity of U in the naturally occurring uranium is.	A. 0.2% B. 0.3% C. 0.7% D. 0.4%

16	When nitrogen is bombarded by alpha particles nitrogen nucleus changes into	A. Oxygen B. Carbon C. Barium D. Helium
17	Energy needed to produce an electron hole in solid state detector is.	A. 1 to 2 eV B. 3 to 4 eV C. 6 to 7 eV D. 8 to 9 eV