Physics 10th Class English Medium Unit 9 Online Test

Sr	Questions	Answers Choice
1	The half life of plutonium $^{236}Pu_{94}$ is:	A. 2.00 years B. 2.35 years C. 2.79 years D. 2.85 years
2	The half life of argon nuclide Ar-40 is:	A. 2×10^8 years B. 2.2×10^8 years C. 2.4×10^8 years D. 2.8×10^8 years
3	Safe limit of radiations exposure in one year.	A. 4 rem B. 5 rem C. 3 rem D. 6 rem
4	Radiation was found in:	A. 1896 B. 1895 C. 1897 D. 1898
5	The half life of carbon -14 is:	A. 5730 years B. 5740 years C. 5750 years D. 5760 years
6	When a heavy nucleus splits into lighter nuclei,the process would.	A. Release nuclear energy B. absorb nuclear energy C. Release Chemical energy D. Absorb Chemical Energy
7	Release of the energy by the sun is due to:	A. Nuclear Fussion B. Nuclear Fission C. Burning of gases D. Chemical reaction
8	When a Uranium (92 protons)ejects a beta particle, how many protons are left in the remaining nucleus?	A. 89 Protons B. 90 Protons C. 91 Protons D. 93 Protons
9	The Half life of a certain isotopes is 1 day. What is the quantity of isotopes after 2 days?	A. One half B. One quarter C. One eight D. None of these
10	What happen to the atomic number of an element which emits one alpha particle?	A. Increase by 1 B. Stays the same C. Decrease by 2 D. Decrease by 1
11	Which among the following radiation has more penetrating power?	A. A beta pareticle B. A gamma particle C. An alpha particle D. None of these
12	Isotopes are atoms of same element with different :	A. Atomic mass B. Atomic Number C. Number of proton D. Number of Neutron