

Physics 10th Class English Medium Online Test

Sr	Questions	Answers Choice
1	Which of the following is an example of simple harmonic motion ?	A. Motion of the simple pendulum B. The motion of ceiling fan C. The spinning of the Earth on its axis D. A bouncing ball on a floor
2	The process of breaking a heavy nucleus after the bombardment of neutrons into two small nuclei is called:	A. Nuclear fission reaction B. Nuclear fusion reaction C. Nuclear Radiation D. Nuclear chain reaction
3	Which element is used to locate the ulcer in brain?	A. Iodine-131 B. Phosphorus-32 C. Carbon-14 D. Potassium-40
4	Which element is used for the monitoring of thyroid glands?	A. Iodine- 131 B. Phosphorus-32 C. Carbon-14 D. Potassium-40
5	The half life of radium - 226 is 1620 years. If N is its total amount then after the four half lives, its left amount will be:	A. $\frac{1}{2} N$ B. $\frac{1}{4} N$ C. $\frac{1}{8} N$ D. $\frac{1}{16} N$
6	The phenomenon in which radiations convert the matter into positive and negative ions is called:	A. Radio activity B. Excitation C. Ionization D. Electrolysis
7	The symbol of alpha particles is:	A. 4He B. 42He C. $0-1\text{B}$ D. 00Y
8	Radiations present in atmosphere due to the presence of different radioactive elements are:	A. Cosmic radiations B. Background radiations C. secondary radiations D. Electromagnetic radiations
9	Which radiations are free of effect of electric and magnetic field?	A. Alpha B. Beta C. Gamma D. Alpha and beta
10	Who discovered the phenomenon of natural radioactivity?	A. Henry Becurial B. Merry Curi C. Perry D. Rutherford
11	The number of neutrons in the nucleus of tritium is:	A. 1 B. 2 C. 3 D. 4
12	The symbol of atomic mass number is:	A. A B. X C. N D. Z