

Physics - 10th Class Physics English Medium Chapter 18 Preparation

Ans 1: Atomic number: 1. Atomic number os the number of neutrons present in nucleus.2. It is represented by Z.	
1. It is th	Atomic mass: e number of nucleons in nucleus. presented by A
Q2. Defir	ne Tritium.
Ans 1:	Tritium contains one proton, two neutrons and one electron.
Q3. Defir	ne Deuterium.
Ans 1:	Deuterium contains one proton, one neutron and one electrons.
Q4. Write	types of radiation .
Ans 1:	a. Alpha particles b. Beta particles c. Gamma particles.
Q5. Defir	ne Natural radioactivity.
Ans 1:	The spontaneous emission of radiation by unstable unclei is called natural radioactivity.
Q6. Wha	is nature of cosmic rays.
Ans 1:	i. Proton ii. Electron iii. Alpha particles iv. Some larger nuclei
Q7. Wha	t is Gamma radiations.
Ans 1:	the gamma rays can penetrate to a considerable thickness of concrete. It is due to their large speed and neutral nature.

Ans 1: Radiations are also source of blindness.

Q9. Define alpha particle.

Ans 1: Alpha particle has high mass due to this, its penetrating power is very short. It has large interacting and ionizing power. It is also the reason of its less penetrating power.

Q10. What is radioactive elements.

Ans 1: the elements which emit radiations are called radioactive elements.