Physics (New Book) - 9th Class Physics English Medium Chapter 9 Preparation

Q1. Define Computation physics

Ans 1: It is abut the use of compatational techniques and methods to solve complex physical problems.

Q2. Describe when a theory is rejected or need its modification.

Ans 1: A theory is typically rejected or mdified when new evidence orobservation contradict its Predications or fail to support it.

Q3. Define Climate Physics

Ans 1: It includes the study of physical process in the environment, including atmospheric dynamics, climate chagne and weather conditions.

Q4. Define Astrophysics

Ans 1: It deals with the physical properties and processes of celestical bodies and phenomena, for example the internction bertween the matter and energy in spcae to understand the univese as a whole.

Q5. Define Biophysics.

Ans 1: Some biological systems and processes are describe uisng the principales and technique of physics under this field of study example include the mechanics of biological structure physical properties of cells, tissue and organs.

Q6. Define Mechanics

Ans 1: It is a study of motion oand teh physical effects which infuenc motion. It is based on Newton's laws of motion and gravitation and often called classicial mechanics.

Q7. What is biological science.

Ans 1: The study of living organisms and their processes.

Q8. Define Geophysics

Ans 1: It appleis physical principle to the study of internal structure of the Earth, its magnetic and smic activity volcanoes etc. fields, sci

Q9. Define Medical Physics

Ans 1: Medical Physics
It applies physical principles to develop techniques and technolgies for health diagnosis and treatemetn, The examples include imaging techniques, such as X-rays ultra sound, MRI and CT scan and also radiation therapyfor cancer treatmetn.

Q10. Define Biophysics

Ans 1: Some biological systems and processes are described uing the principles and technique of physics under this field of study, Examples include the mechancis of biological structures, physical properties of cells, tissuesand organs.