



TEST SYLLABUS



ACADEMIC SESSION: 2023-24

AIRT-XI

Test Date : Sunday, 29 October, 2023

**Course Code : MA+MB (All Batch)
English+ Hindi**

PHYSICS:

Mathematical Tools, Rectilinear motion, Unit and Dimension, Measurement Error, Projectile motion, Relative motion, Newton's laws of motion, Friction, Work, Power, Energy, upto circular motion

CHEMISTRY (PHYSICAL / INORGANIC):

Full Syllabus (Class-XI) Complete + (except thermodynamics, Atomic Structure)

CHEMISTRY (ORGANIC):

IUPAC Nomenclature & Structural Isomerism, Periodic Table, Chemical Bonding

BIOLOGY (BOTANY):

Cell: The Unit of Life, Cell Cycle and Cell Division, Biological Classification, Plant Kingdom, Photosynthesis in Higher Plants

BIOLOGY (ZOOLOGY):

Biomolecules, Structural Organisation in Animals, Locomotion and Movement, Breathing and Exchange of Gases, body fluid and circulation