

Syllabus For XII – PMT (AIPMT Type) Combined Test

Date : 27.07.2014 (Part–I)

PHYSICS

Complete NCERT - XI Syllabus plus :

Electric field, Electric potential, Gauss's Law. Ray optics, reflection and refraction at a plane surface. reflection and refraction at a curved surface. refraction through a thin lens. total internal reflection, composition of two lenses (equivalent lens), refraction through a thin prism, dispersion of light.

CHEMISTRY

Complete NCERT - XI Syllabus plus :

Solid state, Solution, Organic effect (*Resonance, Inductive effect, hyper-conjugation.....*), Aromatic, anti aromatic, non aromatic, Alkyl and aryl halides; Group 15–18, Transition metals.

BOTANY

Reproduction in flowering plants, Heredity & Variation, Molecular basis of inheritance, Biomolecules, Cytology.

ZOOLOGY

Reproduction, Protozoa, Porifera, Coelenterata, Nematodes and Animal tissues.