

Syllabus For
XII - PMT (AIPMT Type) Combined Test

Date: 17.08.2014 (Part-II)

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, Coelenterate, Nematodes and Animal tissues.