# M.L. Syal's Helix Institute

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## Syllabus of Scholarship cum Admission Test (for Students studying in X and moving to XI) for NEET / AIIMS

#### **PHYSICS**

Light (except reflection)

Refraction through rectangular glass-slab, Lenses, Prism, Dispersion & Spectrum, Atmospheric refraction, Scattering

- Electricity
- Heating Effects of current
- Magnetic effects of currents

### CHEMISTRY

- Periodic classification of elements
- Carbon and its compounds (organic chemistry)
- Acids, bases and salts
- Metals and non-metals

#### **BIOLOGY**

- Nutrition (in plants only)
- Transportation in plants
- Control and Coordination
- Heredity and Variations
- Human Reproduction

NOTE: There will be 84 objective type questions as mentioned below:

- a. 24 questions from Physics
- b. 24 questions from Chemistry
- c. 36 questions from Biology

Each question carries 4 marks for correct answer and -1 mark for wrong answer.