



**Institute for NEET & JEE**

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## **Syllabus for Scholarship Test**

(for Students studying in X and moving to XI for JEE)

**Date of Test : 19-12-2021**

for

**Two Year Regular Course for JEE-2024**

### **Physics :**

1. Light, (including reflection and refraction)
2. Human eye and colourful world
  - a. Refraction of light through a prism
  - b. Dispersion of white light by a glass prism
  - c. Scattering of light

### **Chemistry :**

1. Chemical Reactions and Equations
2. Acids, Bases and Salts
3. Metals and Non-Metals (except metallurgy)

### **Mathematics :**

1. Real Numbers
2. Polynomials
3. Pair of Linear Equations in Two variables
4. Coordinate Geometry
5. Triangles
6. Introduction to trigonometry
7. Areas Related to circles
8. Probability

### **Pattern of Test :**

- i. There will be 75 Objective type questions.
- ii. 25 questions each from Physics, Chemistry and Biology.
- iii. Each question carries 4 (four) marks for correct answer.
- iv. One mark will be deducted for wrong answer.
- v. Duration of the test will be 1 hour 30 minutes.