

**SISHYA SCHOOL, HOSUR**  
**CLASS XI ENTRANCE EXAM SYLLABUS 2023-24**  
**TOPICS COVERED IN CLASS X**

**Subject: Mathematics**

1. Real Numbers
2. Polynomials
3. Pair of Linear Equations in 2 Variables.
4. Introduction to Trigonometry
5. Quadratic Equation
6. Arithmetic Progression
7. Coordinate Geometry

**Subject: Physics**

1. Reflection of Light (Plane, Spherical Mirror)
2. Refraction of Light (Convex, Concave, Lenses, Refraction through glass slab)
3. Electricity

**Subject: Chemistry**

1. Acid Basis and Salts
2. Metals and Non-Metals
3. Chemical Reactions

**Subject: Biology**

1. Life Processes
2. Heredity
3. Reproduction

**Subject: English**

1. Integrated grammar exercise
2. Reading comprehension
3. Article writing

**Pattern of the Examination:**

**NCERT ONLY**

Descriptive Type – 2Hrs. (Science- 45hr / Maths – 45 hr/English -30Hr) (8.30 am to 10. 30 am)

**INTEGRATED PROGRAMME**

Objective Type – 2Hrs 30Mins. (Maths, Physics, Chemistry, Biology and Reasoning) (8.30 am-11.00 am),  
English-Descriptive Type-30mins(11.00-11.30am)

Note: The topics that are excluded under the revised curriculum is not included for the entrance exam.



**PRINCIPAL**