



**SPARSH INTERNATIONAL SCHOOL, GREATER NOIDA  
SESSION-2026-27  
ENTRANCE EXAM  
SYLLABUS OF CLASS XI**

**General knowledge Subject: English**

- Reading Comprehension
- Letter to the Editor
- Article Writing
- Integrated Grammar

**Subject: Mathematics**

- Real numbers Polynomials
- Linear Equations
- Triangles
- Trigonometry
- Statistics & probability
- Quadratic Equations
- Arithmetic Progressions
- Circles
- Coordinate
- Geometry
- Mensuration
- Applications of Trigonometry

**Subject: Science**

**Chemistry:**

- Chemical reactions and Equations
- Acids, Bases and Salts
- Metals and Non-metals
- Carbon and its compounds
- Periodic Classification of elements

### **Physics:**

- Electricity
- Magnetic effects of current
- Light-reflection and refraction
- Human eye and colourful world

### **Biology:**

- Life processes
- Control and Coordination
- How do organisms reproduce
- Heredity and Evolution
- Our environment Management of Natural resources

## **Subject: Social Science**

### **History:**

- Nationalism in India
- The Print culture & the modern World

### **Civics:**

- Democracy and Diversity
- Political Parties
- Federalism

### **Economics:**

- Development
- Sectors of the Indian Economy
- Money & credit

### **Geography:**

- Agriculture
- Manufacturing
- Industries
- Water Resource