



**JP INTERNATIONAL SCHOOL
GREATER NOIDA
ENTRANCE EXAM
SYLLABUS OF CLASS XI
NEW SESSION**

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
- Sources of energy

Subject: Social

Science History:

- Nationalism in India
- The Making of a Global World

Civics:

- Democracy and Diversity
- Political Parties

Economics:

- Development
- Consumer Rights
- Sectors of the Indian Economy

Geography:

Agriculture

Manufacturing

Industries

Life Lines of National Economy

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