

Lotus Valley International School, Noida
Entrance Exam: Syllabus
Class XI
2018 – 19

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