



# INDUS VALLEY PUBLIC SCHOOL, NOIDA

## Syllabus for Entrance Paper

### Class – XI

#### English

- Editing
- **Integrated grammar**  
(Reported speech, Modals, Verbs, Tenses)
- Unseen Passage
- Letter – Formal Letter

#### Maths (Sci. & Com.)

- Real numbers
- Polynomials
- Circles
- Arithmetic Progressions
- Surface area and Volume
- Quadratic Equations
- Trigonometry
- Some Applications of Trigonometry
- Probability
- Statistics

#### Applied Mathematics & Commerce without Mathematics

- Real numbers
- Polynomials
- Quadratic Equation
- Arithmetic Progressions
- Coordinate Geometry
- Probability
- Area Related to Circle
- Surface area and Volume
- Statistics

#### Chemistry

- Chemical Reactions and Equations
- Acids Bases and Salts
- Metals and Non-metals
- Carbon and its Compounds

#### Biology

- Life Processes
- Control and Coordination
- How do Organism Reproduce?
- Heredity and Evolution
- Our Environment

#### Physics

- Light-Reflection and Refraction
- The Human Eye and the Colorful world
- Electricity
- Magnetic Effects of electric current

#### Social Science

- Money & Credit
- Agriculture
- Manufacturing Industries
- Globalisation
- Lifelines of National Economy
- Nationalism in India
- Political Parties