

# INDUS VALLEY PUBLIC SCHOOL, NOIDA

## Syllabus for Entrance Paper

### Class – XI

#### English

- Editing
- Article writing
- Notice
- Letter – Formal / Informal

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

- Real numbers
- Polynomials
- Linear equations in two variables
- Arithmetic Progressions
- Coordinate Geometry
- Trigonometry
- Probability
- Statistics

#### Physics

- Motion [Class-IX NCERT]
- Gravitation [Class-IX NCERT]
- Sound [Class-IX NCERT]
- Reflection & Refraction [Class-X NCERT]
- Electricity [Class-X NCERT]

#### Chemistry

- Structure of ATOM [Class-IX NCERT]
- ATOM & Molecules [Class-IX NCERT]
- Chemical Reactions & Equations [Class-X NCERT]
- Carbon & Its Compounds [Class-X NCERT]
- Periodic Classification of Elements [Class-X NCERT]

#### Biology

- Life Process [Class-X NCERT]
- Our Environment [Class-X NCERT]
- Diversity in living organism [Class-IX NCERT]
- Why do we fall ill? [Class-IX NCERT]

#### Social Studies

- Sectors of Indian Economy
- Money & Credit
- Globalization
- Manufacturing Industries
- Transportation
- Resources

**Note: All the formulae of area of circles and surface areas and volumes.**

#### Commerce without Maths

- IX - Statistics
- X - (i) Statistics  
(ii) Probability