

# SYLLABUS FOR ENTERANCE EXAM

## CLASS – 11<sup>TH</sup> (SCIENCE STREAM) TIME ALLOWED – 2 HOURS

### English:

#### ➤ Reading Section

- Unseen Paragraph

#### ➤ Grammar

- Change the voice
- Change the Narration
- Transformations
- Non- finites
- Connectors
- Modals
- Clauses
- Tense

#### ➤ Writing Skills

- A Short Paragraph
- Any other writing skill (Letter, Notice etc)

### Science:

#### ➤ Biology

- Life processes
- Control and coordination
- How does organism produce?
- Heredity and evolution
- Our Environment
- Management of Natural Resources

#### ➤ Physics

- Light, reflection and refraction
- Human eye and colorful world
- Electricity
- Magnetic effects of current
- Sources of energy

#### ➤ Chemistry

- Chemical reactions and Equations
- Acids and Bases
- Metals and Non-metals
- Carbon and its compound
- Periodic classification of Elements

### Maths:

- Real Numbers
- Polynomials
- Pair of Linear Equations in Two variables
- Quadratic Equations
- Arithmetic Progression
- Triangles
- Coordination Geometry
- Introduction to Trigonometry
- Some applications of Trigonometry
- Circles
- Constructions
- Areas Related to Circles
- Surface areas to Circles
- Statistics
- Probability
- Mental ability

*NOTE - The Syllabus will be based on NCERT Books of previous class (10<sup>th</sup>)*

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