# **Class 6-12 Coaching Syllabus**

### **Mathematics**

- 1. Number System & Algebra
- 2. Geometry & Mensuration
- 3. Coordinate Geometry
- 4. Trigonometry
- 5. Probability & Statistics
- 6. Linear & Quadratic Equations
- 7. Calculus (Class 11-12)
- 8. Permutations & Combinations
- 9. Vectors & Matrices (Class 12)

#### Science

- 1. Motion and Force (Physics)
- 2. Sound, Light & Electricity (Physics)
- 3. Matter and Its Properties (Chemistry)
- 4. Acids, Bases & Salts (Chemistry)
- 5. Life Processes (Biology)
- 6. Genetics & Evolution (Biology)
- 7. Environmental Science & Ecology

## **English**

- 1. Grammar & Vocabulary
- 2. Reading Comprehension
- 3. Writing Skills (Essays, Letters, Reports)
- 4. Literature Poetry, Prose, Drama
- 5. Speaking & Listening Skills

### **Social Science**

- 1. History Ancient to Modern India
- 2. Geography Physical & Human Geography
- 3. Civics Indian Constitution & Governance
- 4. Economics Basics to Macroeconomics

# **Class 11-12 Additional Subjects**

- 1. Physics, Chemistry, Biology (for Science stream)
- 2. Accountancy, Business Studies, Economics (for Commerce stream)
- 3. Political Science, Sociology, History (for Arts stream)
- 4. Computer Science / Information Practices