

ENTRANCE TEST FOR CLASS XI (SESSION: 2025 - 26)

EXTERNAL CANDIDATES

SYLLABUS

ENGLISH

1. Comprehension of two Unseen Passages
2. Grammar: Tenses, Voice, Reported Speech, Determiners, Prepositions, Conjunctions, Modals, Subject – Verb Agreement

MATHEMATICS

- | | |
|--|-----------------------------|
| 1. Real Numbers | 8. Trigonometry |
| 2. Polynomials | 9. Heights and Distances |
| 3. Pair of Linear Equations in Two Variables | 10. Circles |
| 4. Quadratic Equations | 11. Area related to circles |
| 5. Arithmetic Progressions | 12. Surface Area & Volumes |
| 6. Triangles | 13. Statistics |
| 7. Co-ordinate Geometry | 14. Probability |

PHYSICS

Light:

1. Light – Reflection and Refraction
2. The Human Eye and the Colourful World
3. Electricity
1. Magnetic effects of electric current.

CHEMISTRY

- | | |
|-------------------------------------|------------------------------|
| 1. Chemical Reactions and Equations | 3. Metals and Non-metals |
| 2. Acids, Bases and Salts | 4. Carbon and its compounds. |

BIOLOGY

1. Life Processes: Nutrition, Respiration, Transport in Animals & Plants, Excretion in Animals & Plants.
2. Control and Co-ordination
3. How do organisms reproduce?
4. Heredity and Evolution (Evolution Excluded): Heredity, Mendel's Contribution – Laws of inheritance of Traits
Sex determination.
5. Our Environment

COMPUTER

1. Computer Awareness
2. Reasoning Ability
3. Mathematical Aptitude

ECONOMICS

- | | |
|----------------------------------|---|
| 1. Development | 3. Money and Credit |
| 2. Sectors of the Indian Economy | 4. Globalization and the Indian Economy |

ENTRANCE TEST FOR CLASS XI (SESSION: 2025 - 26)

EXTERNAL CANDIDATES

SYLLABUS

HISTORY – CLASS X

- | | |
|--------------------------------------|--|
| 1. The Rise of Nationalism in Europe | 3. The Making of a Global World (to 1.3) |
| 2. Nationalism in India | 4. Print Culture and The Modern World |

GEOGRAPHY

- | | |
|--------------------------------|------------------------------|
| 1. Resource & Development | 4. Mineral & Power Resources |
| 2. Forest & Wildlife Resources | 5. Agriculture |
| 3. Water Resources | 6. Manufacturing Industries |

POLITICAL SCIENCE

- | | |
|-----------------------------|--------------------------|
| 1. Power Sharing | 4. Political Parties |
| 2. Federalism | 5. Outcomes of Democracy |
| 3. Gender, Caste & Religion | |

BASIC COMMERCE

1. General Idea on Central Bank, Commercial Bank and Banking Instruments.
2. Different types of Banking Services
3. Idea on different type of deposits in Bank and interest structure.
4. Different types of business activities.
