

Dr. Virendra Swarup Education Centre, N-Block, Kidwai Nagar, Kanpur
Syllabus for Final Term Examination (2024-2025)
Class –XI (Science Stream)

ENGLISH :

Hornbill :-

- | | |
|--|---------------------------------|
| 1. The Portrait of a Lady | 6. The Voice of the Rain (Poem) |
| 2. A Photograph (poem) | 7. Childhood (Poem) |
| 3. We're not afraid to Die . If we can be together | 8. The Adventure |
| 4. Discovering Tut : The Saga Continues | 9. Silk Road (Prose) |
| 5. The Laburnum Top (Poem) | 10. Father to Son |

Snapshot :-

1. The Summer of the Beautiful White Horse
2. The Address
3. The Mother's Day (Play)
4. Birth
5. The Tale of Melon City

Writing Skill – Comprehension (Descriptive / Factual) (Notice, Report, Article, Letters & Job Application)

Grammar – Whole Syllabus

PHYSICS

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|--|------------------------------------|
| 1. Physical World and Measurement | 8. Mechanical Properties of Solids |
| 2. Motion in Straight Line | 9. Mechanical Properties of Fluids |
| 3. Motion in a plane | 10. Thermal Properties of Matter |
| 4. Law's of Motion | 11. Thermodynamics |
| 5. Work, Energy and Power | 12. Kinetic Theory |
| 6. System of particles and Rational motion | 13. Oscillations |
| 7. Gravitation | 14. Waves |

CHEMISTRY

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|---|---|
| 1. Some Basic Concepts of Chemistry | 6. Equilibrium |
| 2. Structure of Atom | 7. Redox Reactions |
| 3. Periodic Classification and Properties of Elements | 8. General Principles and Organic Chemistry |
| 4. Chemical Bonding | 9. Hydrocarbons |
| 5. Thermodynamics | |

BIOLOGY

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|---------------------------------------|--|
| 1. The Living World | 11. Photosynthesis in Higher Plants |
| 2. Biological Classification | 12. Respiration in Plants |
| 3. Plant Kingdom | 13. Plant – Growth and Development |
| 4. Animal Kingdom | 14. Breathing and Exchange of Gases |
| 5. Morphology of Flowering Plants | 15. Body Fluids and Circulation |
| 6. Anatomy of Flowering Plants | 16. Excretory Products and their Elimination |
| 7. Structural Organization in Animals | 17. Locomotion and Movement |
| 8. Cell – The Unit of Life | 18. Neural Control and Coordination |
| 9. Biomolecules | 19. Chemical Coordination and Integration |
| 10. Cell Cycle and Cell Division | |

MATHEMATICS

- | | |
|--------------------------------|---------------------------|
| 1. Sets | 9. Straight Line |
| 2. Relation and Function | 10. Conic Section |
| 3. Trigonometric functions | 11. Three Dimensions |
| 4. Complex Number | 12. Limits and Derivative |
| 5. Linear Inequalities | 13. Statistics |
| 6. Permutation and Combination | 14. Probability |
| 7. Binomial Theorem | 15. Conic Sections |
| 8. Sequences and Series | |

COMPUTER

1. Computer System Overview
2. Data Representation
3. Boolean Logic
4. Getting started with Python
5. Python Fundamentals
6. Data Handling
7. Flow of Control
8. String Manipulation
9. List Manipulation
10. Tuples
11. Dictionaries
12. Cyber Safety
13. Online Access and Computer Security

HINDI

आरोह भाग – 1

काव्यखंड

हम तौ एक-एक करि जाना, मेरे तो गिरधर गोपाल, घर की याद, चंपा काले अक्षर नहीं चीन्हती, गजल, हे भूख मत मचल, हे मेरे जूही के फूल....., सबसे खतरनाक, आओ मिलकर बचाएँ

गद्यखंड

नमक का दरोगा, मियाँ नसीरुद्दीन, अपू के साथ ढाई साल, विदाई संभाषण, गलता लोहा, रजनी, जामुन का पेड़, भारतमाता

वितान भाग – 1

भारतीय गयिकाओं में बेजोड़ , लता मंगेशकर राजस्थान की रजत बूँदे, आलो आँधारि

व्याकरण

उत्तरपुस्तिका में कराया गया समस्त कार्य