

DR. VIRENDRA SWARUP EDUCATION CENTRE JAJMAU, KANPUR
2nd TERM EXAMINATION SYLLABUS (2025-26)
SCIENCE STREAM
CLASS: XI

ENGLISH: READING

1. Comprehension
2. Note- Making

ADVANCED WRITING

1. Classified Advertisement (Situation Vacant/ Wanted, Sale/ Purchase, To-Let, Missing Persons/Pets)
2. Poster Drafting
3. Speech Writing
4. Debate Writing

GRAMMAR

1. Sentence Reordering
2. Gap Filling
3. Transformation of sentences

LITERATURE: HORNBILL

PROSE

1. The Portrait of a lady
2. We're not afraid to die
3. Discovering Tut
4. The Adventure

POETRY

1. A Photograph
2. The Laburnum Top
3. The Voice of the Rain

SNAPSHOTS

1. The Summer of the Beautiful White Horse
2. The Address
3. Mother's Day
4. Birth

COMPUTER SCIENCE

1. Computer Overview
2. Boolean Algebra
3. Data Representation
4. Python Fundamentals
5. Getting started with Python
6. Data Handling
7. Flow of Control
8. Python Module
9. String
10. List
11. Tuple

MATHEMATICS

1. Set theory
2. Relation and functions
3. Trigonometric functions
4. Complex Numbers
5. Linear inequalities
6. Permutations and Combinations
7. Binomial Theorem
8. Sequence and Series
9. Straight Lines
10. Conic Sections
11. 3 D Geometry
12. Limits and Derivatives (till limits only)

BIOLOGY

UNIT-1 (Diversity in the living world)

- 1 The living world .
- 2 Biological classification.
- 3 Plant Kingdom.
- 4 Animal kingdom.

UNIT-2 (Structural organisation in plants and animals)

- 5 Morphology of flowering plants.
- 6 Anatomy of flowering plant.
- 7 Structural organisation in animals.

UNIT-3 (Cell structure and function)

- 8 Cell the unit of life.
- 9 Biomolecules.
- 10 Cell cycle and cell division.

PHYSICS

1. Units and measurement.
2. Motion in straight line.
3. Motion in a plane.
3. Laws of motion.
5. Work, power and energy.
6. System of particles and rotational motion
7. Gravitation
8. Mechanical properties of solids
9. Mechanical properties of fluids

CHEMISTRY

Chapters

1. Some Basic Concepts of Chemistry
2. Structure of Atom
3. Classification of elements and periodicity in properties
4. Chemical Bonding and Molecular Structure
5. Chemical Thermodynamics
6. Organic Chemistry: Some basic Principles and Techniques
7. Redox Reaction

HINDI

आरोह भाग-1 (गद्य)

- नमक का दारोगा
- मियाँ नसीरुद्दीन
- अपू के साथ ढाई साल
- विदाई संभाषण
- गलता लोहा
- रजनी
- कबीर (पद 1)
- मीरा (पद 1)
- घर की याद
- चंपा काले-काले अच्छर नहीं चीन्हती
- गजल
- अक्क महादेवी के दोनों वचन

आरोह भाग- 1(काव्य)

वितान भाग- 1

- भारतीय गायिकाओं में बेजोड़ लता मंगेशकर
- राजस्थान की रजत बूंदें
- अभिव्यक्ति और माध्यम
- पाठ-1 जनसंचार माध्यम
- पाठ-2 पत्रकारिता के विविध आयाम
- पाठ 9 डायरी लेखन की कला
- पाठ 10 कथा पटकथा
- पाठ 14 कार्यालयी लेखन और प्रक्रिया
- पाठ 15 स्ववृत्त लेखन और रोजगार संबंधी लेखन
- अपठित गद्यांश /काव्यांश
- पत्र-लेखन
- रचनात्मक- लेख