

DR. VIRENDRA SWARUP EDUCATION CENTRE, JAJMAU, KANPUR
2nd TERM EXAMINATION SYLLABUS (2025-26)
SCIENCE STREAM
CLASS-12

ENGLISH : Reading

1. Passages for Comprehension

ADVANCED WRITING

- | | |
|-----------------------|---------------------|
| 1. Notice | 4. Letter to Editor |
| 2. Invitation & Reply | 5. Article |
| 3. Job Application | 6. Report |

LITERATURE - FLAMINGO

PROSE

- | | |
|--------------------|---------------------|
| 1. The Last Lesson | 5. Indigo |
| 2. Lost Spring | 6. Poets & Pancakes |
| 3. Deep Water | 7. The Interview |
| 4. The Rattrap | 8. Going Places |

POETRY

- | | |
|----------------------|---------------------------|
| 1. My Mother at 66 | 4. A Roadside Stand |
| 2. Keeping Quiet | 5. Aunt Jennifer's Tigers |
| 3. A Thing of Beauty | |

VISTAS

- | | |
|------------------------------------|--------------------------|
| 1. The Third Level | 4. The Enemy |
| 2. The Tiger King | 5. On the face of It |
| 3. Journey to the end of the Earth | 6. Memories of Childhood |

COMPUTER SCIENCE

- | | |
|-------------------------|--------------------------------|
| 1. Revision Tour I & II | 7. Relational Database |
| 2. Functions | 8. Simple Queries in SQL. |
| 3. Python Libraries | 9. Table Creation and DML |
| 4. File Handling | 10. Grouping Records and Joins |
| 5. Exception Handling | 11. Python MySQL Connectivity |
| 6. Data Structures | 12. Networking Part I |

MATHEMATICS

- | | |
|-------------------------------------|-------------------------------|
| 1. Relation function | 8. Application of Integration |
| 2. Inverse trigonometric functions | 9. Differential equation |
| 3. Matrices | 10. Vectors |
| 4. Determinants | 11. 3 D Geometry |
| 5. Continuity and Differentiability | 12. L.P.P |
| 6. Application of Derivatives | 13. Probability. |
| 7. Integration | |

BIOLOGY- Chapters :

- | | |
|---|---|
| 1. Sexual reproduction in flowering plants. | 8. Microbes in human welfare. |
| 2. Human reproduction. | 9. Biotechnology: principles and processes. |
| 3. Reproductive health. | 10. Biotechnological applications. |
| 4. Principles of inheritance and variation. | 11. Organism and population. |
| 5. Molecular basis of inheritance. | 12. Ecosystem. |
| 6. Evolution. | 13. Biodiversity and conservation. |
| 7. Human health and diseases. | |

CHEMISTRY- Chapters

- | | |
|----------------------------|--|
| 1. Solutions | 6. Haloalkenes and Haloarenes |
| 2. Electrochemistry | 7. Alcohols phenol and ethers |
| 3. Chemical Kinetics | 8. Aldehydes, ketones and carboxylic acids |
| 4. d and f block elements | 9. Amines |
| 5. Co-ordination Compounds | 10. Biomolecules |

PHYSICS

1. Electric charges and field
2. Electrostatic potential and Capacitance
3. Current electricity
4. Moving charges and magnetism
5. Magnetism and matter
6. Electromagnetism.
7. Alternating Current
8. Ray optics
9. Wave optics
10. Dual nature.
11. Atom and Nuclei.
12. Semiconductor.

HINDI

आरोह भाग-2 (गद्य)

- * भक्तिन
- * बाजार दर्शन
- * काले मेघा पानी दे
- * (क) श्रम विभाजन और जाति प्रथा
- * (ख) मेरी कल्पना का आदर्श समाज

आरोह भाग- 2(काव्य)

- आत्मपरिचय , एक गीत
- * पतंग
- * कविता के बहाने, बात सीधी थी पर
- * कैमरे में बंद अपाहिज
- * उषा
- * बादल राग
- * (क) कवितावली
- (ख) लक्ष्मण मूर्च्छा और राम का विलाप
- * रुबाइयां
- * (क) छोटा मेरा खेत
- (ख) बंगुलों के पंख

- * पहलवान की ढोलक
- * शिरीष के फूल

वितान भाग- 2

- * सिल्वर वेडिंग
- * जूझ
- अतीत में दबे पांव
- * *अभिव्यक्ति और माध्यम*
- * विभिन्न माध्यमों के लिए लेखन
- * पत्रकारीय लेखन के विभिन्न रूप एवं लेखन प्रक्रिया
- * विशेष लेखन और प्रकार
- * रेडियो नाटक
- * नए और अप्रत्याशित विषयों पर लेखन
- * कहानी का नाटक रूपांतरण
- अपठित गद्यांश /काव्यांश
- रचनात्मक- लेख