



THE DOON YUDHISHTERA PUBLIC SCHOOL, DEHRADUN

SYLLABUS FOR HALF YEARLY EXAMINATION 2024-25

CLASS-XII (SCIENCE)

ENGLISH LITERATURE:

Flamingo

- The Last lesson
- Lost Spring
- Deep water
- Indigo
- The Rattrap

POEM:

- My mother at Sixty-Six
- Keeping quite
- A Thing of beauty
- Aunt Jenifer's Tigers
- The Roadside Stand

VISTAS:

- The Third Level
- The Tiger King
- The Enemy
- On the face of it

WRITING:

- Invitation & Reply
- Job Letter / Letter to the Editor
- Article
- Report Writing
- Notice Writing

READING SECTION:

- Unseen Passage

MATHEMATICS:

- Relations and Functions
- Inverse Trigonometric Functions
- Matrices
- Determinants
- Continuity and Differentiability
- Linear Programming
- Applications of Derivatives
- Probability

CHEMISTRY:

- Haloalkanes and Haloarenes
- Alcohols, Phenols and Ethers
- Biomolecules

- Aldehydes, Ketones and Carboxylic Acids
- Amines
- Solutions
- Electrochemistry

PHYSICS:

Part 1-

- Electromagnetic waves
- Alternating Current
- Magnetism and Matter
- Electrostatic Charges and Fields

Part 2-

- Ray Optics and Optical Instruments
- Wave Optics
- Dual Nature of Radiation and Matter
- Nuclei
- Semiconductor Electronics

BIOLOGY:

Reproduction

- Sexual Reproduction in Flowering Plants
- Human Reproduction
- Reproductive Health

Genetics & Evolution

- Principles of Inheritance & Variations
- Molecular Basis of Inheritance
- Evolutions

Biology in Human Welfare

- Human Health & Diseases
- Microbes in Human Welfare

Ecology

- Ecosystem

COMPUTER SCIENCE:

- Python Functions
- File Landing
- Text File Landing
- Binary File Landing
- CSV File Landing
- Data Structure in Python

- Computer Networking
- Python Revision-I
- Python Revision-II

- Biomechanics & Sports
- Psychology & Sports
- Sports and Nutrition
- Training in Sports

PHYSICAL EDUCATION:

- Management of Sporting Events
- Children and Women in Sports
- Physical Education and Sports for CWSN