



THE DOON YUDHISHTERA PUBLIC SCHOOL, DEHRADUN

SYLLABUS FOR HALF YEARLY EXAMINATION 2025-26

CLASS-XI (SCIENCE)

ENGLISH LITERATURE:

Hornbill-Prose

- The Portrait of A Lady
- “We’re Not Afraid to Die... If We Can All Be together
- Discovering Tut: The Saga Continues
- Silk Road
- The Adventure

Hornbill Poetry

- A Photograph
- The Laburnum Top
- The Voice of the Rain
- Childhood
- Father to Son

SNAPSHOTS-SUPPLEMENTARY

READER:

- The Summer of the Beautiful White Horse
- The Address
- Mother’s Day
- Birth
- The Tale of Melon City

READING:

- Unseen Passage

WRITING:

- Notice
- Poster
- Advertisement
- Job Letter
- Letter to the Editor
- Article
- Speech Writing

GRAMMAR:

- Editing Paragraph
- Sentence Transformation

MATHEMATICS:

- Set
- Relations and Functions
- Trigonometric Functions
- Complex Numbers

- Linear Inequalities
- Permutations and Combinations
- Binomial Theorem
- Sequence and Series

CHEMISTRY:

- Some basic concepts of Chemistry
- Structure of Atom
- Classification of Elements and Periodicity in properties
- Chemical Bonding and Molecular Structure
- Redox Reaction

PHYSICS:

Volume-1.

- Units and Measurement
- Motion in a Straight Line
- Motion in a Plane
- Laws of Motion
- Work, Energy & Power
- Gravitation

COMPUTER SCIENCE:

- Computer System & Organization
- Data representation and Boolean Logic
- Getting Started with Python
- Python Programming Fundamentals
- Conditional and Looping constructs

BIOLOGY:

- **Unit-I (Diversity in Living World)**
- The Living World
- Biological Classification
- Plant Kingdom
- Animal Kingdom

Unit-II (Structural Organization in Plants & Animals)

- Morphology of Flowering Plants
- Anatomy of Flowering Plants
- Structural Organization in Animals

Unit-III (Cell: Structure & Functions)

- Cell: The Unit of Life
- Cell Cycle & Cell Division

Unit-IV (Plant Physiology)

- Plant growth & Development

Unit-V (Human Physiology)

- Breathing & Exchange of Gases

PHYSICAL EDUCATION:

- Changing Trends and Career in Physical Education
- Olympics Value Education

- Physical Education & Sport for CWSN
- Physical Fitness, Lifestyle and Wellness
- Fundamentals of Kinesiology & Biomechanics in Sports
- Training & Doping in Sports
- Psychology and Sports