

PREFACE

I feel a sense of pride in placing before you the syllabus booklet for the session 2018-19 which has been designed according to the DAV Centre of Academic Excellence and CBSE guidelines.

- ♦ The syllabus is a foundational document and a critical piece of communication between the teacher and the students so it plays a significant role in engaging students and motivating them.
- ♦ The syllabus conveys that the teacher is willing to support the students effort to master the material practising humility, empathy and emotional rapport with the students.
- ♦ It will help the students' manage their time and get proficiency in the material. This way he/she will come up to the expectations of the teacher and will imbibe responsibility to get success in life.
- ♦ You are therefore requested to go through the contents of the syllabus and direct your ward to follow the pattern carefully.
- ♦ You may contact the teacher and the Principal if you find any problem. The syllabus is planned with great precision by counting the number of working days. It is divided Unit wise which will help the students revise the material side by side as it is being taught in the class.

I wish you all good luck and promise that no stone will be left unturned to help your ward march forward for a bright future.

V.K. Kashiv
Principal

Class : XI
ENGLISH

Books Prescribed : Hornbill, Snapshots

UNIT-1 (MAY)

- Grammar** : Determiners, Tenses
Writing Skills : Job application, Letter of complaint, Notice, Advertisements, Posters

UNIT-II (AUGUST)

- Hornbill** : 1. The Portrait of a Lady
2. We're not afraid to die if we all can be together
3. Discovering Tut : The Saga Continues
4. Landscape of the Soul
- 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. Ranga's Marriage
- Grammar** : Voice, Modals
Writing Skills : Business and Official Letters, Report Writing

TERM - 1 : FULL SYLLABUS OF UT -1 & UT - 2

UNIT-III (DECEMBER)

- Hornbill** : 5. The Ailing Planet : The Green Movement's Role
6. The Browning Version
7. The Adventure 8. Silk Road
- Poetry** : 4. Childhood
5. Father to Son
- Snapshots** : 4. Albert Einstein at School
5. Mother's Day
6. The Ghat of the only World
7. Birth
8. The Tale of Melon City
- Grammar** : Clauses, Transformation of Sentences
Writing Skills : Article & Speech Writing

PRE BOARD & FINAL EXAMINATION : FULL SYLLABUS

TERM - 1 : FULL SYLLABUS OF UT -1 & UT - 2

UNIT-3 (December)

- Unit IX Kinesiology, Biomechanics & Sports
Unit X Psychology & Sports
Unit XI Training In Sports
Unit XII Doping

PRE BOARD & FINAL EXAMINATION : FULL SYLLABUS

MUSIC

UNIT-1

- Definitions : Sangeet, Dhvani and Nada
- Miyan Tansen
- Dhrupad
- Teen Tala, Keharwa Taal
- Raga Bihag

UNIT-2

- Definitions : Shruti, Swara, Saptak Thaata
- Pt. V.N. Bhat Khande
- Khyal, Tarana
- Dadra, Chaartala
- Raga Jaunpuri

UNIT-3

- Definitions : Jati, Raga, Swarmalika, Lakshan Geet, Nibadha and Anibadha Gaan, Laya, Tala
- Gharana
- Pt. V.D. Paluskar
- Raga Vrindavani Sarang
- Sultana
- Natya Shastra
- Raga Bhairavi, Tanpura
- Ektala

PRE BOARD & FINAL EXAMINATION : FULL SYLLABUS

INFORMATICS PRACTICES (065)

OLD SYLLABUS

UNIT-1 (MAY)

Introduction of Computer Systems :

- Hardware Concepts
- Software concepts & productivity
- Information security and social network

UNIT-2 (August)

Relational Database Management System:

- Introduction of MySQL
- MySQL
- Functions in MySQL

TERM - 1 : FULL SYLLABUS OF UT -1 & UT - 2

UNIT-3 (December)

Introduction to Programming

- Getting started with IDE Programming
- Programming Fundamentals
- Control Structures
- Progeamming guidelines

IT Applications + Syllabus of Term - 1

TERM - 2 : FULL SYLLABUS

PHYSICAL EDUCATION

UNIT-1 (MAY)

- Unit I Changing Trends & Career In Physical Education
Unit II Olympic Movement
Unit III Physical Fitness, Wellness & Lifestyle
Unit IV Physical Edu. & Sports for CWSN (Children With Special Needs-Divyang)

UNIT-2 (August)

- Unit V Yoga
Unit VI Physical Activity & Leadership Training
Unit VII Test, Measurment & Evaluation
Unit VIII Fundamentals of Anatomy and Physiology

हिन्दी

आरोह भाग 1, वितान भाग 1 (निर्धारित पुस्तकें : एन.सी.आर.टी)

यूनिट – 1 (मई)

आरोह भाग 1

- गद्य खंड : नमक का दारोगा, मियाँ नसीरुद्दीन
पद्य खंड : हम तौ एक एक करि जानां, संतो देख जग बौराना,
मेरे तो गिरधर गोपाल, पग घुंघरू बाँध मीरा नाची,

वितान भाग 1

- : पाठ – राजस्थान की रजत बूँदें
रचनात्मक लेखन : निबंध, पत्र, जनसंचार (वस्तुनिष्ठ प्रश्न)
अपठित गद्यांश, अपठित पद्यांश

यूनिट – 2 (अगस्त)

आरोह भाग 1

- गद्य खंड : अप्पू के साथ ढाई साल, विदाई संभाषण, गलता लोहा, रजनी
पद्य खंड : वे आखें, सबसे खतरनाक, पथिक, घर की याद

वितान भाग 1

- : पाठ – भारतीय गायिकाओं में बेजोड़ : लता मंगेशकर
रचनात्मक लेखन : फीचर लेखन, जनसंचार (वस्तुनिष्ठ प्रश्न)
अपठित गद्यांश, अपठित पद्यांश

प्रथम सत्र

संकलित पाठ्यक्रम (यूनिट 1 + यूनिट 2)

यूनिट – 3 (दिसम्बर)

आरोह भाग 1

- गद्य खंड : स्पीति में बारिश, जामुन का पेड़, भारत-माता, आत्मा का ताप
पद्य खंड : चंपा काले-काले अच्छर नहीं चीन्हती, गज़ल, हे भूख! मत मचल
हे मेरे जूही के फूल जैसे ईश्वर

वितान भाग 1

- : पाठ – आलो आंधारि
रचनात्मक लेखन : आलेख, जन संचार (वस्तुनिष्ठ प्रश्न), पूर्व-वार्षिक परीक्षा

पूर्व वार्षिक व वार्षिक परीक्षा : सम्पूर्ण पाठ्यक्रम

MATHS

UNIT-1 (MAY)

Mathematical Induction
Complex Numbers
Sets
Three Dimensional Geometry

UNIT-2 (August)

Relations and Functions
Trigonometric Function
Inequations
Statistics
Probability
Mathematical Reasoning

TERM - 1 : FULL SYLLABUS OF UT -1 & UT - 2

UNIT-3 (December)

Permutations and Combinations
Binomial Theorem
Straight Lines
Conic Sections
Sequence and Series
Limits and Derivative

PRE BOARD & FINAL EXAMINATION : FULL SYLLABUS

PHYSICS

UNIT-1 (MAY)

Physical World & Measurement
Kinematics

UNIT-2 (August)

Laws of Motion
Work, Power and Energy
System of particles & Rot. Motion
Gravitation

TERM - 1 : FULL SYLLABUS OF UT -1 & UT - 2

UNIT-2 (August)

The judiciary
Federalism
Local Government
Constitution as a living document
Political Theory : An Introduction
Freedom
Social Justice

TERM - 1 : FULL SYLLABUS OF UT -1 & UT - 2

UNIT-3 (December)

Equality
Rights
Citizenship
Nationalism
Secularism
Peace
Development

PRE BOARD & FINAL EXAMINATION : FULL SYLLABUS

INFORMATICS PRACTICES (065)

NEW SYLLABUS

UNIT-1 (MAY)

Basic Computer Organisation
Basics of Python Programming

UNIT-2 (August)

Programming and Computational Thinking
Data Handling - 1

TERM - 1 : FULL SYLLABUS OF UT -1 & UT - 2 + Society, Law & Ethics

UNIT-3 (December)

Data Management

TERM - 2 : FULL SYLLABUS

Public, private & Govt. enterprises
Business Services
Emerging modes of business
Social responsibility of business & Business Ethics

TERM - 1 : FULL SYLLABUS OF UT -1 & UT - 2

UNIT-3 (December)

Sources of Business finance
Small Business
Internal Trade
Interventional Business

PRE BOARD & FINAL EXAMINATION : FULL SYLLABUS

ECONOMICS

UNIT-1 (MAY)

Introduction (Num-Correlation, median, Central Tendency)
Collection, Organisation and presentation of data.

UNIT-2 (August)

Statistic tools and interpretation
Market Equilibrium Forms : Market, Consumer Equilibrium
Introduction of Micro

TERM - 1 : FULL SYLLABUS OF UT -1 & UT - 2

UNIT-3 (December)

Consumer Equilibrium and Demana
Producer equilibrium and supply
Forms of Market

PRE BOARD & FINAL EXAMINATION : FULL SYLLABUS

POLITICAL SCIENCE

UNIT-1 (MAY)

Constitutionality, How and Philosophy of the constitution.
Right in the Indian Constitution
Election and Representation
The Executive
The Legislature

UNIT-3 (December)

- Thermodynamics
- Properties of Bulk Matter
- Behaviour of perfect Gas & kinetic theory
- Oscillations, Waves & Ray Optics

PRE BOARD & FINAL EXAMINATION : FULL SYLLABUS BIOLOGY

UNIT-1 (MAY)

- Morphology of flowering plants
- Cell-The Unit of Life
- Cell Cycle & Cell Division

UNIT-2 (August)

- Biomolecules
- Anatomy of flowering plants
- Structural organisation in animals
- Digestion and Absorption
- Breathing and exchange of gases
- Body fluids and circulation
- Excretory products and their elimination
- Locomotion & Movement
- Neural control & Co-ordination

TERM - 1 : FULL SYLLABUS OF UT -1 & UT - 2

UNIT-3 (December)

- Transport in plants
- Mineral nutrition
- Photosynthesis in higher plants
- Respiration in plants
- Plant growth & Development
- The Living World
- Biological Classification
- Plant Kingdom
- Animal kingdom
- Chemical Co-ordination

PRE BOARD & FINAL EXAMINATION : FULL SYLLABUS

CHEMISTRY

- APRIL** • Structure of Atom
- MAY** • Classification of elements
• Chemical bonding & Molecular Structure
- JULY** • Hydrogen
• Redox Reaction
• Some Basic Concept of Chemistry
- AUGUST** • S-Block elements
• Environmental Chemistry

UT - 1 (May)	UT - 2 (August)	I Term (September)
Structure of Atom	Chemical Bonding & Molecular Structure Hydrogen Redox reaction Classification of elements	Syllabus of UT-1 & UT-2 + S-Block elements Some basic concept of Chemistry Environmental Chemistry

- SEPTEMBER** • I - Term Exams
• P - Block elements
- OCTOBER** • Organic Chemistry (1) Basic
• (2) Hydrocarbon
- NOVEMBER** • Organic Chemistry (1) Benzene
• Structure of Matter
• Equilibrium
- DECEMBER** • Ionic Equilibrium
• Thermodynamics
• Revision
- JANUARY** • Revision for Pre-Board Exams

UT - 3 (December)	FINAL EXAMS
P-Block elements Organic Chemistry	Full Syllabus

CHEMISTRY PRACTICAL

- MARKS**
- Volumetric Analysis (8)
 - Salt Analysis (8)
 - Content Based Exp. (6)
 - Basic Lab Techniques : - (4)
(a) Bending & Cutting a glass tube
(b) Drawing art A glass jet
(c) Boring a cork
 - Viva - Voice (4)
- Total Marks** 30 Marks

ACCOUNTANCY (055)

UNIT-1 (MAY)

Introduction to accounting
Theory base of accounting
Accounting Process (Accounting equation, Journal Ledger, Trial-Balance)

UNIT-2 (August)

Accounting Process (Contd.)
Bank Reconciliation statement
Depreciation, provision and reserves
Rectification of Errors.

TERM - 1 : FULL SYLLABUS OF UT -1 & UT - 2

UNIT-3 (December)

Bills of exchange
Financial Statements
Incomplete records
Computers in accounting

PRE BOARD & FINAL EXAMINATION : FULL SYLLABUS

BUSINESS STUDIES (054)

UNIT-1 (MAY)

Nature & purpose of business
Forms of Business organisations

UNIT-2 (August)

Forms of Business Organisations (Contd.)
Public, private & Govt. enterprises