

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 : XII
ENGLISH

Books Prescribed : Flamingo, Vistas, Novel : The Invisible Man by H.G. Wells

UNIT-1 (MAY)

- Flamingo** : The Last Lesson
Lost Spring
Deep Water
- Poetry** : My Mother at Sixty Six
- Writing Skills** : Notices, Advertisements, Posters, Invitations, Replies

UNIT-II (AUGUST)

- Flamingo** : The Rat Trap
- Poetry** : An Elementary School Classroom in a Slum
Keeping Quiet
- Vistas** : The Tiger Kinig
The Enemy
Memories of childhood
- Novel** : Ch 1 to 7
- Writing Skills** : Letter Writing, Report Writing, Speech Writing, Article Writing,

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

UNIT-III (DECEMBER)

- Flamingo** : Indigo
Going Places
- Poetry** : A Thing of Beauty
Aunt Jennifer's Tigers
- Vistas** : Should wizard hit Mommy?
On the face of it
Evans Tries an O-Level
- Novel** : Ch. 8 to 28

PRE BOARD & FINAL EXAMINATION : FULL SYLLABUS

CHAPTERS DELETED :

Flamingo : Poets & Pancakes, The Interview, A Roadside Stand (Poem)

Vistas : The Third Level, Journey to the end of the Earth

MUSIC

UNIT-1

- Definitions : Alankar, Varna, Kan
- Classification of Ragas
- Sangeet Ratnakar
- Ustad Abdul Karim Khan
- Raga Bhimpalasi
- Jhaptala

UNIT-2

- Definitions : Meend, Khatka, Murki
- Time Theory of Ragas
- Sangeet Parijata
- Ustad Faiyaz Khan
- Raga Bhairav, Rupak Tala

UNIT-3

- Definitions : Gamak, Gram, Murchana, Alap, Tana
- Pt. Krishan Rao Shankar Pandit
- Raga Malkauns, Tilwada Tala
- Ustad Bade Ghulam Ali Khan
- Raga Bageshri, Dhamar Tala
- Tanpura

PRE BOARD & FINAL EXAMINATION : FULL SYLLABUS

UNIT-3 (December)

Unit IX Sports Medicine
Unit X Kinesiology, Biomechanics & Sports
Unit XI Physiology & Sports
Unit XII Training In Sports

PRE BOARD & FINAL EXAMINATION : FULL SYLLABUS

INFORMATICS PRACTICES (065)

Book : Information Technology by CBSE

UNIT-1 (MAY)

Ch. 3 GUI Programming - A Review
Ch. 4 Basics of Object Oriented Programming
Ch. 5 Advanced programming concept

UNIT-2 (August)

Ch. 7 Web Applications
Ch. 8 MySQL Revision Tour
Ch. 9 More on Databases

TERM - 1 : FULL SYLLABUS OF UT -1 & UT - 2
+ Ch. 10 - Advanced RDBMS Concepts + Ch. 6 Data Connectivity

UNIT-3 (December)

Ch. 1 Computer Networking
Ch. 2 Open Source Concepts
Ch. 11 IT Applications

TERM - 2 : FULL SYLLABUS

हिन्दी

आरोह भाग 2, वितान भाग 2 (निर्धारित पुस्तकें : एन.सी.आर.टी)

यूनिट – 1 (मई)

आरोह भाग 2

गद्य खंड : भक्तिन, बाज़ार-दर्शन, काले मेघा पानी दे
पद्य खंड : पतंग, कविता के बहाने, कैमरे में बंद अपाहिज,
बात सीधी थी पर

वितान भाग 2

: पाठ - सिलवर वैडिंग

रचनात्मक लेखन

: निबंध, पत्र, जनसंचार (वस्तुनिष्ठ प्रश्न)
अपठित गद्यांश, अपठित पद्यांश

यूनिट – 2 (अगस्त)

आरोह भाग 2

गद्य खंड : पहलवान की ढोलक, चार्ली चैपलिन यानि हम सब, नमक
पद्य खंड : सहर्ष स्वीकारा है, उषा, बादल राग, कवितावली, लक्ष्मण-मूर्छा
आत्मपरिचय, एक गीत

वितान भाग 2

: पाठ - जूझ, अतीत में दबे पांव

रचनात्मक लेखन

: फीचर आलेख, जनसंचार (वस्तुनिष्ठ प्रश्न), अपठित पद्यांश

प्रथम सत्र

संकलित पाठ्यक्रम (यूनिट 1 + यूनिट 2)

यूनिट – 3 (दिसम्बर)

आरोह भाग 2

गद्य खंड : शिरीष के फूल, श्रमविभाजन और जाति-प्रथा,
मेरी कल्पना का आदर्श समाज
पद्य खंड : रूबाइयां, गज़ल, छोटा मेरा खेत, बगुलों के पंख

वितान भाग 2

: पाठ - डायरी के पन्ने

रचनात्मक लेखन

: पुस्तक समीक्षा, जनसंचार (वस्तुनिष्ठ प्रश्न)

पूर्व वार्षिक व वार्षिक परीक्षा : सम्पूर्ण पाठ्यक्रम

MATHS

UNIT-1 (MAY)

Inverse Trigonometric Function
Derivative
Integration

UNIT-2 (August)

Differential Equations
Vector
Three Dimensional Geometry
Linear Programming Problem
Probability
Relations and Functions

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

UNIT-3 (December)

Matrix
Determinants
Application of Differentiation
Area under the curve

PRE BOARD & FINAL EXAMINATION : FULL SYLLABUS

PHYSICS

UNIT-1 (MAY)

Electrostatics
Current Electricity

UNIT-2 (August)

Electro-Magnetism
E.M.I & A.C.
Electro-Magnetic Waves
Communication System

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

UNIT-3 (December)

Optics
Dual Nature of Matter
Atoms & Nuclei
Electronic Devices

PRE BOARD & FINAL EXAMINATION : FULL SYLLABUS

ACCOUNTANCY (055)

UNIT-1 (MAY)

Accounting for partnership firms (Partnership fundamentals,
Change in profit-Sharing ratio, Admission of a partner)

UNIT-2 (August)

Admission of a Partner
Retirement/Death of a partner
Dissolution of firm
Not for profit organisations
Accounting for companies

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

UNIT-3 (December)

Accounting for companies
Analysis of financial statements
Cash Flow statement

PRE BOARD & FINAL EXAMINATION : FULL SYLLABUS

PHYSICAL EDUCATION

UNIT-1 (MAY)

Unit I Planning in Sports
Unit II Sports & Nutrition
Unit III Yoga & Life Style
Unit IV P. Ed. & Sports for CWSN (Children With Special Needs - Divyang)

UNIT-2 (August)

Unit V Children & Sports
Unit VI Women & Sports
Unit VII Test & Measurement in Sports
Unit VIII Physiology & Sports

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

UNIT-3 (December)

National Income and related aggregates
Determination of Income and employment
Balance of Payments
Project Work

PRE BOARD & FINAL EXAMINATION : FULL SYLLABUS

POLITICAL SCIENCE

UNIT-1 (MAY)

Cold War Era
The End of Bipolarity
US Hegemony in world politics
Alternative centres of Power
Contemporary South Asia

UNIT-2 (August)

International Organisations
Security in contemporary world
Environment and Natural resources
Globalisation
Rise of Popular Movements
Regional Aspiration
Era of one Party Dominance
Challenges of Nation - Building

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

UNIT-3 (December)

Politics of planned development
India's External Relations
Challenges to the Congress System, crisis of the democratic order
Recent Development in Indian Politics

PRE BOARD & FINAL EXAMINATION : FULL SYLLABUS

BIOLOGY

UNIT-1 (MAY)

- Reproduction in Organisms
- Sexual Reproduction in flowering plants
- Human Reproduction
- Reproductive Health

UNIT-2 (August)

- Principles of inheritance & Variation
- Molecular basis of inheritance
- Evolution
- Bio-Technology Principles & Processes
- Bio-Technology and its applications
- Human Health & Diseases
- Strategies for enhancement in food production

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

UNIT-3 (December)

- Microbes in Human Welfare
- Organism and Population
- Ecosystem
- Bio Diversity and conservation
- Environmental issues

PRE BOARD & FINAL EXAMINATION : FULL SYLLABUS

CHEMISTRY

APRIL

- Biomolecules
- Haloalkanes & Haloarenes

MAY

- Alcohol, Phenol & Ether
- Aldehyde, Ketone & Carboxylic Acid
- p-Block elements (Group 15 & 16)

JULY

- Amines
- d & f Block elements
- p-Block elements (Group 17 & 18)

AUGUST

- Co-ordination Compounds
- Revision for 1st Term Exams

UT - 1 (May)	UT - 2 (August)	I Term (September)
<ul style="list-style-type: none"> • Biomolecules • Haloalkane & Haloarene • Alcohol & Phenol 	<ul style="list-style-type: none"> • Aldehyde, Ketone & Carboxylic Acid Amines • p-Block elements (Group 15 & 16) 	<ul style="list-style-type: none"> • Syllabus of UT-1 & UT-2 + d&f-Block elements • Co-ordination Compounds • p-Block elements

- SEPTEMBER**
- I - Term Exams
 - Surface Chemistry
 - Polymers
- OCTOBER**
- Solid State
 - Solutions
 - Electrochemistry
- NOVEMBER**
- Chemical Kinetics
 - Isolation of Elements
 - Chemistry in Everyday Life

UT - 3 (December)	PRE BOARD & FINAL EXAMS
<ul style="list-style-type: none"> • Solid State • Solution • Electro Chemistry 	Full Syllabus

CHEMISTRY PRACTICAL

1. Volumetric Analysis (8 mm)
2. Salt Analysis (8 mm)
3. Content Based Exp. (6 mm)
 - (a) Crystals
 - (b) Organic Samples
 - (c) Organic Functional Group
 - (d) Chromatography
4. Project (4 mm)
5. Class Record + Viva Voice (4 mm)

BUSINESS STUDIES (054)

UNIT-1 (MAY)

Nature & Significance of Management.
Principles of Management
Business Environment

UNIT-2 (August)

Planning
Organising
Staffing
Directing
Controlling

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

UNIT-3 (December)

Financial Management
Financial Markets
Marketing Management
consumer protection

PRE BOARD & FINAL EXAMINATION : FULL SYLLABUS

ECONOMICS

UNIT-1 (MAY)

Introduction
Consumer Equilibrium and Demand

UNIT-2 (August)

Forms of market and price determination under perfect comp. with simple application
Money and Banking
Govt. Budget and the Economy

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