

# DAV SEN. SEC. PUBLIC SCHOOL PATRAN

MONTHLY SYLLABUS FOR CLASS – XII (2021-22)

## SUBJECT: ENGLISH

**APRIL Ch...** The Last Lesson

**Ch.** The Third Level

**Poem;** My Mother at Sixty Six (Poem)

**MAY: Ch** The Tiger King

**Ch...** Lost spring

**Poem:** An Elementary School Classroom in a Slum (Poem)

**Writing-Notice, Article writing**

**JULY Ch.** Deep Water

**Ch.** Journey to the End of the Earth

**Poem:** Keeping Quiet (Poem)

**Writing-Poster, Debate**

**AUGUST: Ch.** The Rattrap

**Ch .**The Enemy

**Poem:** A Thing of Beauty (Poem)

**SEPTEMBER Ch.** Indigo

**Ch.** Should Wizard hit mommy

**Poem:** A Roadside Stand (Poem)

**Writing - Job Application.**

**OCTOBER Ch.** On the face of it

**Ch.** Poets and Pancakes

**Poem:** Aunt Jennifer's Tigers (Poem)

Writing-Speech, Advertisements, Report

**NOVEMBER Ch.** Evans tries O-level

**Ch.** The Interview

**DECEMBER Ch.** Memories of Childhood

**Ch.** Going Places

**JANUARY: - Pre-**boards.

## SUBJECT: MATHEMATICS

**APRIL & MAY:** Ch 2. Inverse Trigonometric Functions

Ch 3 Matrices

Ch 4 Determinants

**JULY:** Ch 5 Continuity and Differentiability

Ch 6. Application of Derivatives

**AUGUST:** Ch 9 Differential Equations

Ch 10 Vector Algebra

**SEPTEMBER:** Ch-12. Linear Programming

**OCTOBER:** Ch 13. Probability

Ch 1 Relations & Functions

**NOVEMBER:** Ch 7. Integrals

Ch 8 Application of Integrals

Ch 13 Probability

**DECEMBER:** Ch 11. Three Dimensional Geometry

**JANUARY Revision**

## **SUBJECT: PHYSICS**

**APRIL** Ch-1 Electric field and charges

Ch-2 Electric potential and capacitance

**MAY** Ch-3 Current electricity

Ch-4 Magnetic effects of current

**JULY** Ch- 5 Magnetism & Matter

Ch-6 Electromagnetic induction (EMI)

**AUGUST** Ch- 7 Alternating current

Ch- 9 Ray Optics

**SEPTEMBER** Ch- 9 Ray Optics

**OCTOBER** Ch-8 Electromagnetic waves (EMW)

Ch- 10 Wave Optics

**NOVEMBER.**Ch- 11 Dual nature of matter and radiation

Ch-12 Atoms

Ch-13 Nuclei

**DECEMBER:** Ch-14 Electronic devices and Semiconductors

**JANUARY Revision**

## **SUBJECT: CHEMISTRY**

**APRIL** Ch- 1. Solid State

Ch- 2 Solutions

**MAY** Ch -3 Electrochemistry

Ch- 4 Chemical kinetics

**JULY** Ch- 5. Surface Chemistry

Ch- 6 General Principles of Isolation of Elements

**AUGUST** Ch-14 Biomolecules

Ch-15 Polymers

**SEPTEMBER** Ch- 16. Chemistry in Everyday Life

**OCTOBER** Ch- 7 p-block elements

Ch - 8 d- and f-block Elements

**NOVEMBER** Ch - 9 Coordination Compounds

Ch -10 Haloalkanes and haloarenes

Ch-11 Alcohols, Phenols and Ethers

**DECEMBER** Ch- 12. Aldehydes, Ketones and Carboxylic Acids

Ch - 14 Amines

**JANUARY** Revision

## **SUBJECT - BIOLOGY**

**APRIL & MAY** Unit I: Reproduction in organisms (plants and humans and reproductive health)

**JULY & AUGUST** Unit II: Genetics and molecular biology (heredity and variations, Evolution)

**SEPTEMBER Revision**

**OCTOBER** Unit III: Biology and Human Welfare

**NOVEMBER** Unit IV: Biotechnology and its applications

**DECEMBER** Unit V: Ecology and Environment

**JANUARY** Revision

## **SUBJECT: PHYSICAL EDUCATION**

**APRIL** Unit 1. Planning in Sports

Unit 2 Sports and Nutrition

**MAY** Unit 3 Yoga and Lifestyle

**JULY** Unit 4 Physical Education and Sports for Differently-Abled (CWSN)

**AUGUST** Unit 5 Children and Women in Sports

**SEPTEMBER** Revision

**OCTOBER** Unit 6 Test and measurement in sports

Unit 7 Physiology and Injuries in sports

**NOVEMBER** Unit 8 Biomechanics and Sports

Unit 9 Psychology and Sports

**DECEMBER** Unit 10 Training in Sports

## **SUBJECT: ACCOUNTANCY**

**APRIL** CH-1 Financial Statements of Not- for- profit Organization

Ch-2 Accounting for Partnership Firms Goodwill: Nature and Valuation

**MAY** CH-3 Change in Profit Sharing Ratio among Existing Partners

CH-4 Admission of a Partner

**JULY** CH-5 Retirement/ Death of a Partner

**AUGUST** CH-6 Dissolution of a Partnership Firm

**SEPTEMBER** CH-7 Accounting for Share Capital

**OCTOBER** CH-8 Issue of Debentures

CH-9 Redemption of Debentures

**NOVEMBER** CH-10 Financial Statements of a Company

CH-11 Financial Statement Analysis 11

CH-12 Comparative Statements and Common-Size Statements

**DECEMBER** CH-13 Accounting Ratios

CH-14 Cash Flow Statement

**JANUARY** Revision

## **SUBJECT: BUSINESS STUDIES**

**APRIL** Ch-1 Nature and Significance of Management

Ch-2 Principles of Management

**MAY** Ch-3 Management and Business Environment

Ch-4 Planning

**JULY** Ch-5 Organizing

**AUGUST** Ch-6 Staffing

**SEPTEMBER** Ch-7 Directing

**OCTOBER** Ch-8 Controlling

Ch-9 Financial Management

**NOVEMBER** Ch-10 Financial Markets

Ch-11 Marketing Management

**DECEMBER** Ch-12 Consumer Protection

**JANUARY** Revision

## SUBJECT: ECONOMICS

**APRIL** Ch-1 Introduction of Macro Economics

Ch-2 Concepts of National Income

Ch-3 National income and related aggregates

**MAY** Methods of calculating National Income Money

**JULY** Ch -6 Banking

Ch-8 Short Run Equilibrium Output

Ch-9 Problem of Deficient & Excess Demand

**AUGUST** Ch- 11 Foreign exchange rate

Ch-12 Balance of payment

INDIAN ECONOMY

Ch-1 India at the eve of independence

Ch-3 Features & policies of agriculture

**SEPTEMBER** Ch-4 Strategy of industrial growth

**OCTOBER** Ch-6 New Economic Policy

Ch-7 Poverty, Foreign Trade

**NOVEMBER** Ch-8 Human capital formation

Ch-10 Employment & Unemployment

Ch-11 Infrastructure, Rural Development

**DECEMBER** Ch-12 Environment & Sustainable Development

Ch 13 Development Experience of India, Pakistan & China

**JANUARY** Govt. Budget, five year plan

## SUBJECT: COMPUTER SCIENCE

**APRIL** Ch-1 Python Revision Tour

Ch-2 Python Revision tour II

**MAY** Ch-3 Working with functions.

Ch-4 Using Python Libraries

Ch-5 File Handling

**JULY** Ch-6 Recursion

Ch-7 Idea of Algorithmic efficiency

**AUGUST** Ch-8 Data Visualization using Python

Ch-9 Data structure

Ch-10 Computer Networking I

**SEPTEMBER** Ch-11 Computer Networking II

**OCTOBER** Ch-12 My SQL revision tour

Ch-13 More on SQL

**NOVEMBER** Ch-14 Creating a DJANGO based basic web application.

Ch-15 Interface Python with My SQL

**DECEMBER** Ch-16 Society, Law and Ethics

**JANUARY** Revision