

## YEAR PLAN - 2024 - 25

### STD - XI ENGLISH LITERATURE & LANGUAGE

MONTH	DRAMA	POETRY	SHORT STORIES	TOTAL ENGLISH
JUNE	INTRODUCTION ACT I, SCENE 1, 2	1	1	1, 2, 3
JULY	ACT I, SCENE 3,4,5	2	2	4, 5, 6
AUGUST	ACT I, SCENE 5,6,7	3	3	7, 8, 9
SEPTEMBER	ACT II, SCENE 1,2	4	4	10,11,12
OCTOBER	REVISION			
NOVEMBER	ACT II, SCENE 2, 3	5	5	13, 14
DECEMBER	ACT II, SCENE 3	-----	-----	15
JANUARY	ACT II, SCENE 4	-----	-----	-----

## YEAR PLAN 2024 -25

**Subject : Mathematics**

**Class : XI**

**Ms.Tinkle**

**Ms.Bindu Sebastian**

June	-	11.Linear Inequalities 12.Quadratic Equations.	3. Measurement of Angles 4.Trigonometrical ratios of angles. 5. Allied angles
July	-	16. A P and G P. 1. Sets 2. Relations & functions	6. Compound angles. 7. Multiple & submultiple angles
August	-	17. Introduction to 2D 18. Equations of Straight Lines 19. The circle	8. Trigonometrical equations 9. Properties of triangles
September	-	20. Limits	13.Permutations and Combinations.
October	-	Revision	
November	-	21. Differentiation. 22. Measures of central Tendency	14. Mathematical Induction 15.Binomial theorem
December	-	10. Complex numbers 23. Measures of Dispersion	24. Probability Sec C 3, 4
January	-	Sec B 3,4 Sec C 1, 2	Sec B 1, 2

**YEAR PLAN - 2024 - 25****STD - XI PHYSICS****THEORY**

<u>MONTH</u>	<u>NAME OF CHAPTER</u>
June	Unit I and Unit II
July	Unit III and Unit IV
August	Unit V and Unit VI (half)
September	Unit VI (remaining half) , Unit VII (half)
October	Revision and Exam
November	Unit VII (remaining half), Unit VIII
December	Unit IX
January	Unit X

**PRACTICALS**

Vernier Callipers  
Screw Gauge  
Spherometer  
Parallelogram  
Inclined Plane  
Spring constant - I  
Sonometer - I  
Sonometer - II  
Spring constant - II  
Simple pendulum

**YEAR PLAN - 2024 - 25****STD - XI CHEMISTRY****NAME OF CHAPTER****THEORY****Dency Davis****Jisha C V**

<u>MONTH</u>	<u>NAME OF CHAPTER</u>	<u>NAME OF CHAPTER</u>
June:	Ch. 3 : Classification of elements and periodicity in properties	Ch. 2 : Structure of atom
July:	Ch. 12: Organic chemistry (half)	Ch. 4: Chemical bonding (half)
August:	Ch. 12: remaining half	Ch. 4: Remaining half
September:	Ch. 1 : Some basic concepts of Chemistry	Ch.13: Hydrocarbons (half)
October:	Revision	Revision
November:	Ch. 6: Chemical Thermodynamics (half)	Ch.13 : Remaining half
December:	Ch.6 : (Remaining half)	Ch. 7 : Equilibrium (half)
January :	Ch. 8 : Redox reaction	Ch. 7: Remianing half

**PRACTICALS**

June: Salt analysis 2  
July: Salt analysis 2  
August: First mid sem  
September: Volumetric analysis 2  
October: First sem exam  
November: Volumetric analysis 2  
December: Two preparations and Chromatography

## YEAR PLAN 2024-25 BIOLOGY - Theory

### Standard : XI

#### June:

- 1 – The living world.
- 3 – Plant kingdom.

#### July:

- 4 – Animal kingdom.
- 5 - Morphology of flowering plants.(1/2)
- 6 – Anatomy of flowering plants.
- 7 – Animal tissues.

#### August:

- 8 – Cell-The unit of life.
- 9 - Biomolecules.

#### September:

- 10 – Cell cycle and cell division.
- 13 – Photosynthesis.
- 17 – Breathing and exchange of gases.

#### October:

- 14 – Respiration in plants.

#### November:

- 2 – Biological classification.
- 15 – Plant growth and development.
- 18 – Body fluids and circulation.
- 19 – Excretory products and their elimination.

#### December:

- 20 – Locomotion and movement.

#### January:

- 21 – Neural control and co-ordination.
- 22 - Chemical co-ordination and integration.
- 5 - Morphology of flowering plants.(1/2)

## BIOLOGY - Practical Standard : XI (2024-25)

#### June:

- 1 – Dissecting microscope.
- 2 – Compound microscope.
- 3 – Permeability of cell membrane.

#### July:

- 4 – Demonstration of plasmolysis ( using Rhoeo leaf), 5 - Potato Osmoscope
- 6 - Separation of plant pigments from leaves by paper chromatography.
- 7 – Temporary slide preparation
  - (i)T.S. of dicot stem. (ii)T.S. of monocot stem. (iii)T.S. of dicot root
  - (iv)T.S. of monocot root.
- 8 - Spotters
  - (i)Algae – Spirogyra (ii)Bryophytes-Mosses and Liverworts.
  - (iii)Pteridophytes (iv)Gymnosperms – Pinus
  - (v)Angiosperms-Dicot and Monocot plants. (vi)Tap root modificatios.
  - (vii)Adventitious root modifications. (viii)Underground stem modifications
  - (ix) Sub-aerial stem modifications. (x)Aerial stem modifications.
  - (xi)Leaf modifications. (xii)Phyllotaxy. (xiii)Venation
  - (xiv)Simple and compound leaves.

#### August: Revision

#### September:

- 9 - Temporary slide preparation
  - (i)Rhizopus (ii)Onion peel (iii)Stages of mitosis in onion root tip cells.
- 10 - Food test
  - (i) Test for starch (ii) Test for glucose (iii)Test for sucrose
  - (iv)Test for proteins (v)Test for fats

#### October:

- 11- Effect of different carbondioxide on the rate of photosynthesis.
- 12 - Spotters :Permanent slides
  - (i)Stages of meiosis (ii)Identification of human blood cells
  - (iii)Bacteria (iv)Amoeba (v)Yeast

#### November:

- 13 – Spotters : specimens
  - (i)Mushroom (ii)Sponge (iii)Hydra (iv)Tapeworm
  - (v)Leech (vi)Silk worm (vii)Rohu fish

#### December: Revision.

#### January:

- 14 – Spotters: experimental set up
  - (i)Osmosis (ii)Transpiration (iii)Photosynthesis (iv)Transpiration pull

YEAR PLAN 2024-2025		
COMPUTER SCIENCE ( THEORY )		
STANDARD : XI		
MONTH	CHAP.NO	CHAPTERS
JUNE	1	NUMBERS
	2	ENCODING
	3	PROPOSITIONAL LOGIC, HARDWARE IMPLEMENTATION, ARITHMETIC OPERATIONS.
	4	INTRODUCTION TO JAVA LANGUAGE UNIT I,II,III
JULY	5	CONCEPT OF DATATYPES
	6	OPERATORS AND EXPRESSIONS
	7	CONDITIONAL AND LOOPING STATEMENTS
AUGUST	8	METHODS AND CONSTRUCTORS UNIT I ,II
	12	RECURSION
SEPTEMBER	12	RECURSION
	9	CHARCTER HANDLING AND STRING MANIPULATIONS
OCTOBER	10	ARRAYS: SINGLE AND DOUBLE DIMENSIONAL
NOVEMBER	10	ARRAYS: SINGLE AND DOUBLE DIMENSIONAL
	13	IMPLEMENTATION OF ALGORITHMS TO SOLVE PROBLEMS
DECEMBER	11	BINARY INPUT/OUTPUT DATA FILE HANDLING (BINARY AND TEXT)
JANUARY	14	PACKAGES
	15	TRENDS IN COMPUTING AND ETHICAL ISSUES.

YEAR PLAN 2024-2025		
COMPUTER SCIENCE (PRACTICAL)		
STANDARD : XI		
MONTH	PROG.NO	PROGRAMS
JUNE	1	SMALLEST INTEGER NUMBER
	2	KAPREKAR NUMBER
	3	BINARY TO HEXADECIMAL CONVERSION
	4	DATE VALIDATION
	5	PRIME PALINDROME NUMBER
JULY	6	VOWELS CONSONANTS FREQUENCY
	7	HAMMING DISTANCE
	8	CASESAR CIPHER
	9	SNOWBALL STRING
AUGUST	10	SORT PARAGRAPH
	11	FIBONACCI STRING
	12	NUMBER SYSTEM
SEPTEMBER	13	DECIMAL BINARY OCTAL
	14	EMIRP NUMBER
OCTOBER		I SEMESTER PRACTICAL EXAM
	15	CHANGE CASE
NOVEMBER	16	PLAYER RUNS
	17	ADMISSION NUMBER
DECEMBER	18	FILL ARRAY
JANUARY	19	REPLACE ELEMENTS
	20	SORT ROWS

**YEAR PLAN - 2024 - 25**  
**STD - XI COMMERCE**

<u>MONTH</u>	<u>NAME OF CHAPTER</u>
June	Chapter 1 : Nature and Purpose of business
	Chapter 2 : Forms of Business Organisation sole trader and partnership
July	Chapter 3 : Forms of Business organisation joint stock company
	Chapter 4 : Corporate orgaisation (PSUS) and co-operation organisations
August	Chapter 5 : Social Responsibility of business and business ethics
	FIRST MID SEM EXAM
September	Chapter 6 : Emerging mode of business
October	Chapter 7 : Stock Exchange FIRST SEM EXAM
November	Chapter 8 : Home Trade
December	Chapter 9 : Foreign Trade SECOND MID SEM
January	Chapter 10 : Insurance SECOND SEM EXAM

**YEAR PLAN 2024-2025**  
**ECONOMICS**  
**CLASS XI**

<u>MONTH</u>	<u>CHAPTERS</u>
JUNE	1. Definition of Economics 2. Basic concepts of Economics 3. Basic problems of an Economy 4. Types of Economics
JULY	5. Introduction to Indian Economic development(half) 5. Introduction to Indian Economic development (half) 15. An introduction to statistics 16. Collection of data 17. Organisation of data
AUGUST	6. Parameters of development 7. Five year plans in India 8. Structural changes in the Indian Economy since 1981 18. Tabular Presentation
SEPTEMBER	9. Poverty in India
OCTOBER	10. Rural Development
NOVEMBER	Revision and Exam 11. Human capital formation 12. Problem of unemployment in India 19. Diagramatic presentation 20. Graphic presentation 13. Economic growth and development.
DECEMBER	14. Sustainable Economic Development
JANUARY	21. Measures of Central Tendency 22. Measures of dispersion 23. Correlaion 24. Index Numbers 25. Some mathematical tools used in Economics

**YEAR PLAN - 2024 - 25**  
**STD - XI ACCOUNTANCY**

<u>MONTH</u>	<u>NAME OF CHAPTER</u>
June	Chapter 1 : Introduction to Accounting Chapter 2 : Basic Accounting terms Chapter 3 : Generally Accepted Accounting principles (GAAP) and Basic Accounting Concepts Chapter 4 : Accounting standards - IFRS Chapter 5 : Bases of Accounting Chapter 6: Accounting Equation Chapter 7 : Journal Chapter 8 : Ledger
July	Chapter 9 : Sub-Division of Journal - cash book Chapter 10 : Petty cash book Chapter 11 : Sub Division of Journal
August	Chapter 12 : Accounting of goods and services Tax (GST) Chapter 13 : Trial Balance Chapter 16 : Provisions and Reserves FIRST MID EM EXAM
September	Chapter 18 : Capital and Revenue Expenditure / Income
October	Chapter 19 : Final Accounts without adjustments FIRST SEM EXAM
November	Chapter 20 : Final Accounts with adjustments
December	Chapter 15 : Depreciation Chapter 17 : Bills of exchange SECOND MID SEM EXAM
January	Chapter 21 : Rectification o Errors Chapter 23 : Non-Trading Organisation SECOND SEM EXAM

**YEAR PLAN (2024 - 2025)**  
**CLASS XI BUSINESS STUDIES**

<u>MONTHS</u>	<u>NAME OF THE CHAPTER</u>
June	Chapter 1 - Business Environment
July	Chapter 2 - Enterprenership Chapter 3 - Business Risk and Causes of failure
August	Chapter 4 - Manager and Managerial roles
September	Chapter 5 - Authority responsibility and accountability
October	Revision & Exam
November	Chapter 6 - Change Management
December	Chapter 7 - Automation at work place
Janury	Chapter 8- Productivity Enhancement tools and facilities

Revision