

St. Paul's School, Aya Nagar
Monthwise Syllabus
2024-25
Class XI

SUBJECT: MATHEMATICS

TERM- I

JULY TO SEPTEMBER SYLLABUS

CHAPTERS AND TOPIC COVERED

MONTH

JULY

Chapter 1 - Sets
Chapter 2 - Relations and Functions
Chapter 3 - Trigonometric Functions

AUGUST

Chapter 4 - Complex numbers and Quadratic equations
Chapter 5 - Linear inequalities
Chapter 6 - Permutations and Combinations

SEPTEMBER

Chapter 7 - Binomial Theorem
Revision for Term - I

TERM - II

OCTOBER TO JANUARY SYLLABUS

OCTOBER

Chapter 8 - Sequences and series
Chapter 9 - Straight Lines
Chapter 10 - Conic Sections

NOVEMBER

Chapter 11 - Introductions to three dimensional geometry
Chapter 12 - Limits and Derivatives

DECEMBER

Chapter 13 - Statistics
Chapter 14 - Probability

JANUARY

Revision for term - II

SUBJECT: PHYSICS

TERM- I

JULY TO SEPTEMBER SYLLABUS

JULY	Chapter 2 Physical World, Unit and Measurement Chapter 3 Motion in A Straight Line Chapter 4 Motion in A Plane
AUGUST	Chapter 5 Force and Laws of Motion Chapter 6 Work Energy and Power Chapter 7 System of Particles and Rotational Motion
SEPTEMBER	Chapter 8 Gravitation

TERM - II

OCTOBER TO JANUARY SYLLABUS

OCTOBER	Chapter 9 Mechanical Properties of Solids Chapter 10 Mechanical Properties of Fluids
NOVEMBER	Chapter 11 Thermal Properties of matter Chapter 12 Thermodynamics Chapter 13 Kinetic Theory of Gases
DECEMBER	Chapter 14 Oscillations Chapter 15 Wave
JANUARY-	Revision for term - II

SUBJECT: COMPUTER SCIENCE

TERM- I

JULY TO SEPTEMBER SYLLABUS

CHAPTERS AND TOPIC COVERED

MONTH

JULY	Chapter 1 - Computer System Overview Chapter 2 - Data Representation Chapter 3 - Boolean Logic
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AUGUST Chapter 4 - Introduction to Problem Solving
Chapter 5 - Getting Started with Python
Chapter 6 - Python Fundamentals

SEPTEMBER Chapter 7 - Data Handling
Revision for Term - I

TERM - II

OCTOBER TO JANUARY SYLLABUS

OCTOBER Chapter 8 - Introduction to Python Modules
Chapter 9 - Flow of control
Chapter 10 - String Manipulation

NOVEMBER Chapter 11 - List Manipulation
Chapter 12 - Tuples

DECEMBER Chapter 13 - Dictionaries
Chapter 14 - Cyber Safety
Chapter 15 - Society, Law and Ethics

JANUARY Revision for term - II

SUBJECT :SOCIOLOGY

TERM- I

JULY TO SEPTEMBER SYLLABUS

CHAPTERS AND TOPIC COVERED

MONTH

JULY Chapter 1 - Sociology and society
Chapter 2 - Terms, concepts and their uses in sociology
Chapter 3 - Research Methodology

AUGUST Chapter 4 - Understanding Social Institutions
Chapter 5 - Culture and Socialization

SEPTEMBER Revision for Term - I

TERM - II

OCTOBER TO JANUARY SYLLABUS

OCTOBER Chapter 6 - Social Change and Social Order

NOVEMBER Chapter 7 - Introducing Western Sociologists

DECEMBER Chapter 8 - Indian Sociologists

JANUARY Revision for term - II

SUBJECT: POLITICAL SCIENCE

TERM- I

JULY TO SEPTEMBER SYLLABUS

CHAPTERS AND TOPIC COVERED

MONTH

JULY Chapter 1- Constitution: Why and How?
Chapter 2- Rights in the Indian Constitution
Chapter 3- Election and Representation

AUGUST Chapter 4 Executive
Chapter 5 Legislature
Chapter 6 Judiciary

SEPTEMBER Chapter 7 - Federalism 6
Chapter 8 Local Governments
Chapter 9 Constitution as a Living Document
Chapter 10 The Philosophy of the Constitution

TERM - II

OCTOBER TO JANUARY SYLLABUS

PART B-Political Theory

OCTOBER	Chapter 1-Political Theory: An Introduction Chapter 2-Freedom 10 Chapter 3-Equality
NOVEMBER	Chapter 4-Social Justice Chapter 5- Rights Chapter 6- Citizenship
DECEMBER	Chapter 7- Nationalism Chapter 8- Secularism
JANUARY	Revision for term - II

SUBJECT: INFORMATICS PRACTICES

TERM- I

JULY TO SEPTEMBER SYLLABUS

CHAPTERS AND TOPIC COVERED

MONTH

JULY	Chapter 1 - Computer System Chapter 2 - Getting started with Python Chapter 3 - Python Fundamentals
AUGUST	Chapter 4 - Data Handling Chapter 5 - Flow of Control
SEPTEMBER	Chapter 6 - List Manipulation Revision for Term - I

TERM - II

OCTOBER TO JANUARY SYLLABUS

OCTOBER Chapter 7 - Dictionaries
Chapter 8 - Database Concepts

NOVEMBER Chapter 9 - Structure Query Language

DECEMBER Chapter 10 - Emerging Trends

JANUARY Revision for term - II

BUSINESS STUDIES

TERM- I

JULY TO SEPTEMBER SYLLABUS

CHAPTERS AND TOPIC COVERED

MONTH

JULY Chapter 1 - History of Trade and foundations
Chapter 2 - Forms of Business organizations

AUGUST Chapter 3 - Private, public and global enterprises
Chapter 4 - Business services

SEPTEMBER Revision for Term - I

TERM - II

OCTOBER TO JANUARY SYLLABUS

OCTOBER Chapter 5 - Emerging modes of Business
Chapter 6 - Social responsibilities of Business and Business Ethics

NOVEMBER Chapter 7 - Source of business finance
Chapter 8 - Small Business

DECEMBER Chapter 9 - Internal trade
Chapter 10 - International Business

JANUARY Revision for term - II

SUBJECT: ACCOUNTANCY

TERM- I

JULY TO SEPTEMBER SYLLABUS

CHAPTERS AND TOPIC COVERED

MONTH

JULY Chapter 1 - Meaning and objectives of Accounting
Chapter 2 - Basic accounting terms
Chapter 7 - Double entry system
Chapter 9 - Journal entries

AUGUST Chapter 3 - Accounting Principles
Chapter 4 - Bases of Accounting
Chapter 6 - Accounting Equations
Chapter 5 - Accounting Standards

SEPTEMBER Revision for Term - I

TERM - II

OCTOBER TO JANUARY SYLLABUS

OCTOBER Chapter 8 - Origin of transactions - Source document
Chapter 10 - Accounting of goods and service tax
Chapter 11 - Cash book
Chapter 12 - Special purpose subsidiary books

NOVEMBER Chapter 13 - Ledger
Chapter 14 - Trial Balance

Chapter 15 - Bank reconciliation statement
Chapter 16 - Depreciation

DECEMBER Chapter 17 - Provisions and Reserves
Chapter 18 - Rectification of errors
Chapter 19 - Capital and Revenue
Chapter 20 - Financial statements

JANUARY Chapter 21 - Financial Statements with adjustments
Revision for Term-II

SUBJECT: HISTORY

TERM- I

JULY TO SEPTEMBER SYLLABUS

CHAPTERS AND TOPIC COVERED

MONTH

JULY Chapter 1 Writing and City life

AUGUST Chapter 2 An empire across three continents
Chapter 3 Nomadic Empires

SEPTEMBER Chapter 4 The Three Orders

TERM - II

OCTOBER TO JANUARY SYLLABUS

OCTOBER Chapter 5 Changing Cultural Traditions

NOVEMBER Chapter 6 Displacing Indigenous Peoples

DECEMBER Chapter 7 Paths to Modernisation

JANUARY Revision for term - II

SUBJECT: PHYSICAL EDUCATION

TERM- I

JULY TO SEPTEMBER SYLLABUS

CHAPTERS AND TOPIC COVERED

MONTH

JULY	Chapter-1 Changing Trends & Career in Physical Education Chapter-2 Olympic Value Education
AUGUST	Chapter 3 - Yoga Chapter 4 - Physical Education & Sports For CWSN Chapter-5 Physical Fitness ,Health and Wellness
SEPTEMBER	Revision for Term - I

TERM - II

OCTOBER TO JANUARY SYLLABUS

OCTOBER	Chapter 6 - Test , Measurement & Evaluation Chapter 7 - Fundamentals of Anatomy , Physiology in Sports
NOVEMBER	Chapter 8 - Fundamentals of Kinesiology and Biomechanics in sports Chapter 9 - Psychology & Sports
DECEMBER	Chapter 10 - Training in Sports
JANUARY	Revision for Term-II

SUBJECT: ENGLISH

TERM- I

JULY TO SEPTEMBER SYLLABUS

CHAPTERS AND TOPIC COVERED

MONTH

JULY

1. Writing Skill
Note Making

Summary

2. Hornbill- The Portrait of a Lady (Prose)
3. A Photograph (Poem)
4. Snapshots- The Tale of Melon City

AUGUST

1. Writing Skills
Poster Making

2. Hornbill- We're Not Afraid to Die.....if We Can be Together (Prose)
3. The Voice of the Rain (Poem)
4. Grammar- Editing and Omission

SEPTEMBER Revision for Term - I

TERM - II

OCTOBER TO JANUARY SYLLABUS

OCTOBER

1. Hornbill- Discovering Tut- The Saga Continues
2. Hornbill- The Laburnum Top (Poem)
3. Snapshots- The Address (Prose)
4. Writing Skills- Classifieds

NOVEMBER

1. Hornbill- The Adventure (Prose)
2. Hornbill- The Childhood (Poem)
3. Snapshots- The Summer of the Beautiful White Horse (Prose)

4. Writing Skills- Debate based of Verbal/Visual Inputs
5. Grammar- Gap Filling (Tenses, Clauses)

- DECEMBER**
1. Hornbill- Silk Road (Prose)
 2. Hornbill- Father to Son (Poem)
 3. Snapshots- Mother’s Day (Play)
 4. Grammar- Reordering/Transformation of Sentences
 5. Snapshots- Birth (Prose)
 6. Writing Skills- Speech Writing
- JANUARY** Revision for Term-II

SUBJECT: CHEMISTRY

TERM- I

JULY TO SEPTEMBER SYLLABUS

- APRIL -** Structure of atom (CH-2) , Periodic table (CH-3)
- MAY -** Chemical bonding (CH - 4) , thermodynamics (CH - 5)
- JULY -** Some basic concepts of chemistry (CH-1)
- AUGUST -** Redox Reaction (CH-7)
- SEPTEMBER-** Revision for Term - I

TERM -II

OCTOBER TO JANUARY SYLLABUS

- OCTOBER -** Organic chemistry (CH -8)
- NOVEMBER -** Hydrocarbon (CH -9)
- DECEMBER -** Equilibrium (CH -6)
- JANUARY -** Revision for Term -II

SUBJECT: PSYCHOLOGY

TERM- I

JULY TO SEPTEMBER SYLLABUS

JULY Ch-What is Psychology?
Ch-2 Methods of enquiry in Psychology

AUGUST Ch-3 Human Development
Ch-9 Motivation and Emotion

SEPTEMBER Revision for Term - I

TERM - II

OCTOBER TO JANUARY SYLLABUS

OCTOBER CH-5 Sensory Attentional and Perceptual Processes

NOVEMBER CH-6 Learning

DECEMBER CH-7 Human Memory
CH-8 Thinking

JANUARY-Revision for term-2

SUBJECT: ECONOMICS

TERM- I

JULY TO SEPTEMBER SYLLABUS

MONTH **CHAPTERS AND TOPIC COVERED**

APRIL **Unit 1 of Micro**

CH 1: Introduction [Micro

Unit 1 of Statistics

CH 1: Introduction

MAY

Unit 2 of Micro

CH 2: Consumer's Equilibrium

Unit 1 of Statistics

CH 2: Meaning, Scope, Functions and Importance of Statistics

JULY

Unit 2 of Micro

CH 3: Demand

CH 4: Elasticity of Demand

Unit 2 of Statistics

CH 3: Collection of Data

CH 4: Organisation of Data

AUGUST

Unit 3 of Micro

CH 5: Cost

Unit 2 of Statistics

CH 5: Tabular Presentation

CH 6: Diagrammatic Presentation

CH 7: Graphic Presentation

SEPTEMBER

Unit 3 of Micro

CH 6: Revenue

Unit 3 of Statistics

CH 8: Measures of Central Tendency- Arithmetic Mean

TERM - II

OCTOBER TO JANUARY SYLLABUS

OCTOBER Unit 3 of Micro

CH 7: Producer's Equilibrium

CH 8: Supply

Unit 3 of Statistics

CH 9: Measures of Central Tendency- Median and Mode

NOVEMBER Unit 4 of Micro

CH 9: Main Market Forms

Unit 3 of Statistics

CH 10: Measures of Correlation

DECEMBER Unit 4 of Micro

CH 10: Price Determination and Simple Applications

Unit 3 of Statistics

CH 11: Index Numbers

JANUARY Revision for Term-II

SUBJECT: BIOLOGY

TERM I

JULY TO SEPTEMBER SYLLABUS

CHAPTERS AND TOPIC COVERED

MONTH

JULY Chapter 1: The Living World

Chapter 2: Biological Classification

Chapter 3: Plant Kingdom

Chapter 4: Animal Kingdom

AUGUST

Chapter 5: Morphology of Flowering Plants

Chapter 6: Anatomy of Flowering Plants

Chapter 7: Structural Organisation in Animals

SEPTEMBER

Chapter 8: The Unit of Life

TERM - II

OCTOBER TO JANUARY SYLLABUS

OCTOBER

Chapter 9: Biomolecules

Chapter 10: Cell Cycle and Cell Division

Chapter 11: Photosynthesis in Higher Plants

Chapter 12: Respiration in Plants

NOVEMBER

Chapter 13: Plant Growth and Development

Chapter 14: Breathing and Exchange of Gases

Chapter 15: Body Fluids and Circulation

Chapter 16: Excretory Products and Their Elimination

DECEMBER

Chapter 17: Locomotion and Movement

Chapter 18: Neural Control and Coordination

Chapter 19: Chemical Coordination and Integration¹⁵

JANUARY

Revision for term - II