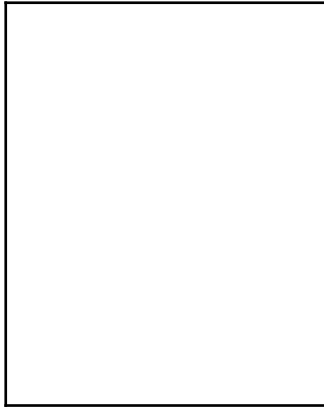


## MONTHLY SYLLABUS CLASS XI (2024-2025)

### ENGLISH

JULY	<p>Hornbill: The Portrait of a Lady</p> <p>A Photograph (Poem)</p> <p>Grammar: Tenses</p>
AUGUST	<p>Hornbill: We're Not Afraid To Die...if We Can All Be Together</p> <p>Snapshots:- Discovering Tut: the Saga Continues</p> <p>The Laburnum Top (Poem)</p> <p>Snapshots: The Summer of the Beautiful White Horse</p> <p>The Address</p> <p>Writing: poster Making, Speech</p> <p>Grammar: Reordering your of Sentences, Gap Filling</p>
SEptEMBER	<p>Hornbill: The Voice of the Rain (Poem)</p> <p>Snapshots: Mother's Day</p> <p>Note Making and Summarising</p> <p>Grammar- Transformation of Sentences</p> <p>Writing- Debate, Classified Advertisement</p> <p>Revision of TA-I</p>



OCTOBER **Hornbill**: The Adventure, Childhood (Poem)

**Snapshots**: Birth

**Writing**: Classified Advertisement

**Grammar**: Gap filling, Jumbled sentences

NOVEMBER **Hornbill**: Silk Road,

**Snapshots**: The Tale of Melon City

**Writing**: Speech, Classified Advertisement (Revision)

DECEMBER **Hornbill**: Father to Son

Writing- Debate

Grammar- Gap Filling

JANUARY	Revision- Note Making, Debate , Speech, Transformation of Sentences
FEBRUARY	Revision of Final Exams
MARCH	FINAL EXAM

## PHYSICS

JULY	Unit 1- Unit and Measurement, Unit 2 - kinematics
AUGUST	Unit 2 - Kinematics (continued), Unit 3- Laws of motion
SEPTEMBER	Unit 4- Work, energy and power, Unit - 5 Motion of system of particles and rigid body
OCTOBER	Unit 5- Motion of system of particles and rigid body (continued), Unit 6- Gravitation
NOVEMBER	Unit 7- Properties of bulk matter
DECEMBER	Unit 7- Properties of bulk matter (continued), Unit 8- Thermodynamics
JANUARY	Unit 9- Behaviour of perfect gases and Kinetic theory of gases, Unit 10 - Oscillations and waves
FEBRUARY	Revision

### **CHEMISTRY**

JULY	Ch-1. Some basic concepts of chemistry Ch-2. Structure of atom
AUGUST	Ch-3. Classification of elements and periodicity in properties Ch-4. Chemical bonding and molecular structure
SEPTEMBER	Ch-7. Redox reactions Ch-8. Organic chemistry: Some basic principles and techniques
OCTOBER	Ch-8. Organic chemistry: Some basic principles and techniques (Continued) Ch-9. Hydrocarbons
NOVEMB	Ch-9. Hydrocarbons (Continued) Ch-5. Chemical thermodynamics
ER	Ch-5. Chemical thermodynamics (Continued) Ch-6. Equilibrium

DECEMBER	
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JANUARY	Ch-6. Equilibrium (Continued)
FEBRUARY	Revision
MARCH	Revision

### BIOLOGY

JULY & AUGUST	Unit 1 Diversity in the living world Ch 1-The Living World Ch 2-Biological Classification Ch 3-Plant Kingdom Ch 4-Animal Kingdom
SEPTEMBER	Unit 2-Structural Organization in Plants and Animals Ch5-Morphology of flowering Plants Ch 6-Anatomy of flowering plants Ch 7- Structural organization in animals
OCTOBER	Unit 3- Cell: Structure and Function Ch 8-Cell:The unit of life Ch 9 -Biomolecules Ch 10- Cell cycle and cell division
NOVEMBER	Unit 4-Plant Physiology  Ch13- Photosynthesis in higher Plants Ch 14-Respiration in plants
DECEMBER	Unit 4-Plant Physiology Ch15- Plant growth and development  Unit5-Human Physiology  Ch 17- Breathing and exchange of gases Ch18-Body fluids and Circulation

JANUARY	Unit5-Human Physiology Ch 19-Excretory products and their elimination Ch 20-Locomotion and movement Ch 21-Neural control and coordination Ch-22-Chemical Coordination and Integration
FEBRUARY	Revision
MARCH	

### ECONOMICS

JULY	<p><b>Micro economics</b></p> <p>Ch-1. Economics and economy Ch-2 . Central Problems of an Economy</p> <p><b>Statistics</b></p> <p>Ch-1. Concept of Economics and Significance of Statistics in Economics Ch-2. Collection of data</p>
AUGUST	<p><b>Micro economics</b></p> <p>Ch-3, 4 Consumer Equilibrium (utility analysis &amp; Indifference Curve Analysis) Ch-5. Theory of Demand</p> <p><b>Statistics</b></p> <p>Ch-3. Census &amp; Sample methods of collection of data Ch-4. Organisation of data</p>
SEPTEMBER	<p><b>Micro economics</b></p> <p>Ch-6. Price Elasticity of Demand</p> <p><b>Statistics</b></p> <p>Ch-5. Presentation of Data- Textual and Tabular Presentation Ch-6 Diagrammatic Presentation of Data- Bar Diagrams and Pie Diagrams</p>

OCTOBER	<p><b>Micro economics</b> Ch-7 Production Function &amp; Returns to a factor</p> <p><b>Statistics</b> Ch-7 Frequency Diagrams- Histogram, Polygon and Ogive Ch-8 Arithmetic Line Graphs or Time series graphs Ch-9 and Ch-10 Measures of central tendency- Arithmetic Mean, median and mode</p>
NOVEMBER	<p><b>Micro economics</b> CH-8 Concepts of Cost Ch-9 Concept of Revenue</p> <p><b>Statistics</b> Ch-10 Contd... Ch-11 Correlation</p>

DECEMBER	<p><b>Micro economics</b> Ch-10 Producer's Equilibrium Ch-11 Theory of Supply</p> <p><b>Statistics</b> Ch-12 Index Numbers</p>
JANUARY	<p><b>Micro economics</b> Ch-12 Forms of market: Perfect Competition Ch-13 Market equilibrium under perfect competition and Effects of Shifts in Demand and Supply</p>
FEBRUARY	Revision
MARCH	Revision

### **COMPUTER SCIENCE**

JULY	Unit I: Computer Systems and Organisation Number System
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AUGUST	Overview of Python
SEPTEMBER	Unit II: Computational Thinking and Programming – 1 (Loops & String)
OCTOBER	Unit II: Computational Thinking and Programming – 2(Lists)
NOVEMBER	Unit II: Computational Thinking and Programming – 2 (Tuples,Dictionaries)
DECEMBER	Unit II: Computational Thinking and Programming – 2 (Introduction to Python modules)
JANUARY	Unit III: Society, Law and Ethics( Digital Footprints , Digital society and Netizen , Data protection , Cyber-crime )
FEBRUARY	Unit III: Society, Law and Ethics(Cyber safety , Safely accessing web sites , E-waste management , Indian Information Technology Act (IT Act) , Technology & Society )
MARCH	Revision

### **MATHEMATICS**

JULY	CH 1 - SETS CH 2 - RELATIONS AND FUNCTIONS CH 3 - TRIGONOMETRIC FUNCTIONS
AUGUST	CH 4 - COMPLEX NUMBERS AND QUADRATIC EQUATIONS CH 5 - LINEAR INEQUALITIES CH 6 - PERMUTATION AND COMBINATION
SEPTEMBER	CH 7 - BINOMIAL THEOREM CH 8 - SEQUENCE AND SERIES
OCTOBER	CH 9 - STRAIGHT LINES CH 10 - CONIC SECTIONS
NOVEMBER	CH 11 - INTRODUCTION TO 3D GEOMETRY CH 12 - LIMITS AND DERIVATIVES
DECEMBER	CH 13 - STATISTICS
JANUARY	CH - 14 PROBABILITY

### **ACCOUNTANCY**

JULY	Ch 1 : Introduction to Accounting Ch 2 : Basic Accounting Terms Ch 3 : Theory Base of Accounting and Accounting Standards Ch 4 : Bases of Accounting Ch 5 : Accounting Equation
AUGUST	Ch 6 : Rules of Debit and Credit Ch 7 : Origin of transactions- Source Documents and preparation of Vouchers Ch 8 : Journal Ch 9 : Ledger
SEPTEMBER	Ch 12 : Accounting of Goods and Services Tax (GST) Ch 14 : Trial Balance Ch 10 : Special Purpose Book I- Cash Book <b>Project work</b>
OCTOBER	Ch 11 : Special purpose Book II - Other Books Ch 13 : Bank Reconciliation Statement
NOVEMBER	Ch 15 : Depreciation Ch 16 : Provisions & Reserves
DECEMBER	Ch 17 : Rectification of Errors Ch 18 : Financial Statements of Sole proprietorship
JANUARY	Ch 19 : Adjustments in preparation of Financial Statements
FEBRUARY	Ch 20: Accounts from incomplete records- Single Entry System <b>Project work</b>

MARCH	Revision
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### **BUSINESS STUDIES**

JULY & AUGUST	<b>PART A FOUNDATIONS OF BUSINESS</b> CH 1 Evolution and Fundamentals of Business CH 2 Forms of Business Organisation CH 3 Public, Private & Global Enterprises
SEPTEMBER & OCTOBER	<b>PART A FOUNDATIONS OF BUSINESS</b> CH 4 Business Services CH 5 Emerging Modes of Business CH 6 Social Responsibility of Business & Business Ethics <b>Project Work</b>
NOVEMBER	<b>PART B FINANCE AND TRADE</b> CH 7 Sources of Business Finance



DECEMBER	CH 8 Small Business and Entrepreneurship Development
JANUARY	CH 9 Internal Trade
FEBRUARY	CH 10 International Business <b>Project Work</b>
MARCH	Revision

### HISTORY

JULY	Theme Two: Writings and Citylife
AUGUST	Theme Three: An Empire Across Three Continents
SEPTEMBER	Theme Three: An Empire Across Three Continents(Contd) Theme Five: Nomadic Empires
OCTOBER	Theme Six: The Three Orders
NOVEMBER	Theme Seven: Changing Cultural Traditions
DECEMBER	Theme Seven: Changing Cultural Traditions(Contd)
JANUARY	Theme Ten: Displacing Indigenous People
FEBRUARY	Theme Eleven: Paths to Modernisation
MARCH	Revision

### SOCIOLOGY

JULY	<b>Book 1- Introducing Sociology:</b> Ch 1. Sociology and Society
	Ch 2. Terms, Concepts and Their Use in Sociology
AUGUST	Ch 3. Understanding Social Institutions
SEPTEMBER	Ch 4. Culture and Socialisation
OCTOBER	<b>Book 2- Understanding Society:</b> Ch 2. Social Change and Social Order in Rural and Urban Society
NOVEMBER	Ch 4. Introducing Western Sociologists
DECEMBER	Ch 5. Indian Sociologists
JANUARY	Completion of project work

FEBRUARY & MARCH  
Revision

## POLITICAL SCIENCE

JULY & AUGUST	<b>Book-A : India Constitution At Work</b> Ch-6 Federalism Ch-2 Election and Representation Ch-3 Local Government
SEPTEMBER	<b>PART-B Political Theory</b> Ch-2 Liberty Ch -3 Equality
OCTOBER	<b>PART-B Political Theory</b> Ch- 1 Political Theory: An Introduction Ch-4 Justice
NOVEMBER	Ch-5 Rights Ch-7 Nationalism
DECEMBER	Ch-8 Secularism Ch-6 Citizenship
JANUARY	REVISION
FEBRUARY	REVISION
MARCH	REVISION

## GEOGRAPHY

UNIT	MONTH	FUNDAMENTALS OF PHYSICAL GEOGRAPHY	INDIA - PHYSICAL ENVIRONMENT
I	JULY	CH-1 GEOGRAPHY AS A DISCIPLINE	INDIA- LOCATION
II		CH-2 THE ORIGIN AND EVOLUTION OF THE EARTH	
II	AUGUST	CH-3 INTERIOR OF THE EARTH CH-4 DISTRIBUTION OF OCEANS AND CONTINENTS	CH-2 STRUCTURE AND PHYSIOGRAPHY CH-3 DRAINAGE SYSTEM

III	SEPTEMBER	CH-5 GEOMORPHIC PROCESSES	
III	OCTOBER	CH-6 LANDFORMS AND THEIR EVOLUTION	CH-4 CLIMATE CH-5 NATURAL VEGETATION
IV	NOVEMBER	CH-7 COMPOSITION AND STRUCTURE OF ATMOSPHERE	CH-6 NATURAL HAZARDS AND DISASTERS (To be tested through internal assessments in the form of project and presentation)
IV		CH-8 SOLAR RADIATION, HEAT BALANCE AND TEMPERATURE	
IV		CH-9 ATMOSPHERIC CIRCULATIONS AND WEATHER SYSTEMS	
IV	DECEMBER	CH-10 WATER IN THE ATMOSPHERE	
IV		CH-11 WORLD CLIMATE AND CLIMATE CHANGE (To be tested through internal assessments in the form of project and presentation)	
V		CH-12 WATER (OCEANS)	
V	JANUARY	CH-13 MOVEMENTS OF OCEAN WATER	
VI		CH-14 BIODIVERSITY AND CONSERVATION (To be tested through internal assessments in the form of project and presentation)	

### HINDI

JULY & AUGUST	अतं रा पाठ्यपस्ुतक पाठ - 1 प्रेमचंद , पाठ - 2 अमरकांत, पाठ-3 हरि शंकर परसाई (गद्य खंडं ), पाठ - 1कबीर,पाठ-2 सरूदास (पद्य खंडं ),अतं राल - पाठ
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	- 2 हसुनै की कहानी अपनी ज़बानी ,अपठि त गद्यांश एवंकाव्यांश,पत्र लेखन , अभि व्यक्ति और माध्यम पस्ुतक - पाठ-1 जनसचं ार माध्यम
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SEPTEMBER	अतं रा पाठ्यपसुतक पाठ-4 रांगेय राघव (गद्य खंड ) ,पाठ-3 देव (पद्य खंड ) अभि व्यक्ति और माध्यम पसुतक - पाठ-2 पत्रकारि ता के वि वि ध आयाम, अपठि त गद्यांश एवकाव्यांश
OCTOBER	अतं रा पाठ्यपसुतक पाठ-5 ज्योति बा फुले(गद्य खंड ) , पाठ-5 समुमित्रानंदं न पतं , पाठ-6 महादेवी वर्मा - केवल जाग तड्डु को दरु जाना (पद्य खंड ) अभि व्यक्ति और माध्यम पसुतक - पाठ-15 स्ववतृ लेखन और रोजगार सबं धं ी आवेदन पत्र
NOVEMBER	अतं रा पाठ्यपसुतक - पाठ-6 ओमप्रकाश वाल्मीकि ,पाठ-8 पांडये बेचन शर्मा (गद्य खंड ) , पाठ-8 नागार्जुनर्जु , पाठ-9 श्रीकांत वर्मा (पद्य खंड ) अभि व्यक्ति और माध्यम पसुतक - पाठ-10 कथा पटकथा

DECEMBER अतं रा पाठ्यपसुतक - पाठ-9 भारतेंदुहरि श्चंद्रं (गद्य खंड )पाठ-10 धम्मिल (पद्य खंड ) अभि व्यक्ति और माध्यम पसुतक - पाठ-14 कार्या लयी लेखन और प्रक्रि या

JANUARY अतं राल पसुतक - पाठ 3 आवारा मसीहा ,  
अभि व्यक्ति और माध्यम पसुतक - पाठ-9 डायरी लि खनेकी कला  
अपठि त गद्यांश एवकाव्यांश

FEBRUARY पनु रावतृत्ति

MARCH पनु रावतृत्ति

### HOME SCIENCE

JULY	<b>Unit I:</b> Introduction to Home Science
AUGUST	<b>Unit II:</b> Understanding oneself: Adolescence Ch.- Understanding the Self. A. 'Who am I'? B. Development and Characteristics of the Self(Development characteristics and needs of adolescents) C. Influences on Identity
SEPTEMBER	<b>Unit II:</b> Understanding oneself: Adolescence Ch.- Food, Nutrition, Health and Fitness Ch. - Management of Resources

OCTOBER Ch.- Fabric Around us

Ch-Media and Communication Technology

**Unit III:** Understating family, community and society

Ch. - Concerns and needs in diverse contexts

a. Nutrition, Health and Hygiene

NOVEMBER	<p>b. Resources Availability and Management</p> <p><b>Unit IV:</b> Childhood Ch.-Survival, Growth and Development Ch.- Nutrition, Health and Wellbeing</p>
DECEMBER	<p>Ch.- Our Apparel</p> <p><b>Unit V:</b> Adulthood Ch.- Health and Wellness</p>
JANUARY	Ch.- Financial Management and planning
FEBRUARY	Ch.- Care and Maintenance of fabrics
MARCH	Revision

**PHYSICAL EDUCATION**

JULY & AUGUST	Unit 1- Changing Trends & Career in Physical Education Unit 2- Olympism
SEPTEMBER	Unit 3- yoga
OCTOBER	Unit 4- Physical education and sports for CWSN Unit 5- Physical Fitness, Wellness & Lifestyle
NOVEMBER	Unit 6- Test, Measurements & Evaluation Unit 7- Fundamentals of anatomy and physiology in sports
DECEMBER	Unit 8- Fundamentals of kinesiology and biomechanics in sports
JANUARY	Unit 9- Psychology and Sports

FEBRUARY Unit 10- Training and Doping in Sports

MARCH Revision

**APPLIED/COMMERCIAL ART**

JULY & AUGUST	<p>Unit-1 Prehistoric rock paintings</p> <p>1) Period and Location</p> <p>2) Study and appreciation of Pre-historic painting</p> <p>•Art of Indus Valley</p>
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SEPTEMBER	<ul style="list-style-type: none"> <li>•Study and appreciation of Sculptures and Terra cottas. Unit-2 Buddhist, Jain and Hindu Art</li> <li>•General Introduction to Art during Mauryan, Shunga, Kushana (Gandhara and Mathura styles) and Gupta period.</li> </ul>
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OCTOBER	<p>Introduction to Ajanta</p> <ul style="list-style-type: none"> <li>•Location, Period, No of caves, Chaitya and Vihara, paintings and sculptures.</li> </ul>
NOVEMBER	Unit-3 Artistic aspects of Indian Temple sculpture (6th Century A.D. to 13th Century A.D.)
DECEMBER	<p>Unit-4 Bronzes and Artistic aspects of Indo-Islamic architecture</p> <p>1. Introduction to Indian Bronzes.</p> <p>2. Method of casting (solid and hollow)</p> <p>Artistic aspects of the Indo-Islamic architecture</p> <p>1. Introduction</p>
JANUARY	<p>2. Study and appreciation of following architecture:</p> <p>i. Qutub Minar, Delhi</p> <p>ii. Gol Gumbaz of Bijapur</p>
FEBRUARY	Revision
MARCH	Revision

### **PSYCHOLOGY**

JULY	CH 1 -WHAT IS PSYCHOLOGY
AUGUST	CH 2 - METHODS OF PSYCHOLOGICAL ENQUIRY
SEPTEMBER	CH 4 - HUMAN DEVELOPMENT
OCTOBER	CH 5 - SENSORY, ATTENTIONAL AND PERCEPTUAL PROCESSES
NOVEMBER	CH 6 - LEARNING
DECEMBER	CH 7 - HUMAN MEMORY

JANUARY CH 8 - THINKING

FEBRUARY CH 9 - MOTIVATION AND EMOTIONS

MARCH REVISION

**INFORMATICS PRACTICES**

JULY & AUGUST	Ch. 3, Brief overview of Python
AUGUST & SEPTEMBER	Ch. 4, Working with Lists and Dictionaries

OCTOBER	Ch. 1, Computer System
NOVEMBER	Ch. 7, Database Concepts
DECEMBER	Ch. 8, Introduction to Structured Query Language (SQL)
JANUARY	Ch. 2, Emerging Trends
FEBRUARY	Revision
MARCH	Revision