

## **GRADE XI CYCLEWISE CURRICULUM 2023-24**

### **ENGLISH CORE (Subject Code: 301)**

CYCLE	CYCLE DATES	CONTENT
I	5 <sup>th</sup> Apr '23 – 29 <sup>th</sup> Apr '23	The Portrait of a Lady, A Photograph, Note-Making, Letter to the Editor, Letter of Complaint, Notice Writing, Integrated Grammar
II	1 <sup>st</sup> May '23 – 26 <sup>th</sup> May '23	The Ailing Planet: The Green Movement's Role, Birth, Note-Making, Summarizing, Posters
III	3 <sup>rd</sup> July '23 – 31 <sup>st</sup> July'23	The Summer of the Beautiful White Horse, The Address, Display Advertisements & Classified Advertisements, Speech Writing, Debate Writing, Grammar
IV	1 <sup>st</sup> Aug '23 – 1 <sup>st</sup> Sept'23	We Are Not Afraid to Die- If We Can All Be Together, Childhood, Landscape of the soul, Letter Writing (Business, Official, Editor, Application for a job)
V	<b>Half Yearly Examination (6<sup>th</sup> Sept-18<sup>th</sup> Sept'23)</b>	
VI	19 <sup>th</sup> Sept '23 – 29 <sup>th</sup> Sept '23	Ranga's Marriage, The Voice of the Rain, Letter of Inquiry and Reply Placing Order and Cancellation, Letter to School and College Authorities
VII	3 <sup>rd</sup> Oct'23 - 31 <sup>st</sup> Oct'23	The Laburnum Top, Mother's Day, Discovering Tut, Article Writing, Note-Making, Grammar
VIII	2 <sup>nd</sup> Nov'23 – 30 <sup>th</sup> Nov'23	Albert Einstein at School, The Ghat of the Only World, Speaking Skills Practice
IX	1 <sup>st</sup> Dec'23-29 <sup>th</sup> Dec'23	The Browning Version, The Adventure, Note Making, Summarizing, Report Writing, Formal and Informal Invitations and Replies
X	12 <sup>th</sup> Jan'24-30 <sup>th</sup> Jan'24	Silk Road, Father to Son, The Tale of Melon City, Listening Skills Practice, Revision for Annual Examination
<b>XI - Preparatory Leave-1<sup>st</sup> - 4<sup>th</sup> Feb'2024</b>		
<b>Annual Examination-5<sup>th</sup> Feb-16<sup>th</sup> Feb'2024</b>		

### **MATHEMATICS (Subject Code: 041)**

CYCLE	CYCLE DATES	CONTENT
I	5 <sup>th</sup> Apr '23 – 29 <sup>th</sup> Apr '23	Chapter-1 Sets Chapter- 2 Relation and Functions
II	1 <sup>st</sup> May '23 – 26 <sup>th</sup> May '23	Chapter-3 Trigonometric Functions
III	3 <sup>rd</sup> July '23 – 31 <sup>st</sup> July'23	Chapter-6 Linear Inequalities
IV	1 <sup>st</sup> Aug '23 – 1 <sup>st</sup> Sept'23	Chapter-5 Complex Numbers and Quadratic Equations Chapter-9 Sequence and Series
V	Half Yearly Examination (6 <sup>th</sup> Sept-18 <sup>th</sup> Sept'23)	
VI	19 <sup>th</sup> Sept '23 – 29 <sup>th</sup> Sept '23	Chapter-7 Permutations and Combinations Chapter-8 Binomial Theorem
VII	3 <sup>rd</sup> Oct'23 - 31 <sup>st</sup> Oct'23	Chapter-10 Straight Lines Chapter-12 Introduction to Three-Dimensional Geometry
VIII	2 <sup>nd</sup> Nov'23 – 30 <sup>th</sup> Nov'23	Chapter-11 Conic Sections Chapter-13 Limits and Derivatives
IX	1 <sup>st</sup> Dec'23-29 <sup>th</sup> Dec'23	Chapter-16 Probability
X	12 <sup>th</sup> Jan'24-30 <sup>th</sup> Jan'24	Chapter-15 Statistics
XI - Preparatory Leave-1 <sup>st</sup> - 4 <sup>th</sup> Feb'2024 Annual Examination-5 <sup>th</sup> Feb-16 <sup>th</sup> Feb'2024		

### **APPLIED MATHEMATICS (Subject Code: 241)**

CYCLE	CYCLE DATES	CONTENT
I	5 <sup>th</sup> Apr '23 – 29 <sup>th</sup> Apr '23	Chapter-5 Sequence and Series. Chapter-1 Numbers and quantifiers Chapter- 2 Numerical Applications
II	1 <sup>st</sup> May '23 – 26 <sup>th</sup> May '23	Chapter- 3 Sets Chapter- 4 Relations Chapter- 7 Mathematical & logical reasoning
III	3 <sup>rd</sup> July '23 – 31 <sup>st</sup> July'23	Chapter- 8 Calculus

IV	1 <sup>st</sup> Aug '23 – 1 <sup>st</sup> Sept'23	Chapter- 11 Basics of Financial Mathematics Revision for Half Yearly Examination
V	Half Yearly Examination (6 <sup>th</sup> Sept-18 <sup>th</sup> Sept'23)	
VI	19 <sup>th</sup> Sept '23 – 29 <sup>th</sup> Sept '23	Chapter- 12 Coordinate Geometry
VII	3 <sup>rd</sup> Oct'23 - 31 <sup>st</sup> Oct'23	Chapter- 6 Permutations and combinations
VIII	2 <sup>nd</sup> Nov'23 – 30 <sup>th</sup> Nov'23	Chapter- 10 Descriptive Statistics
IX	1 <sup>st</sup> Dec'23-29 <sup>th</sup> Dec'23	Chapter- 9 Probability
X	12 <sup>th</sup> Jan'24-30 <sup>th</sup> Jan'24	Revision for Annual Examination.
XI - Preparatory Leave-1 <sup>st</sup> - 4 <sup>th</sup> Feb'2024 Annual Examination-5 <sup>th</sup> Feb-16 <sup>th</sup> Feb'2024		

### PHYSICS (Subject Code :042)

CYCLE	CYCLE DATES	CHAPTER
I	5 <sup>th</sup> Apr '23-29 <sup>th</sup> Apr '23	Ch-3 Motion In A Straight Line
II	1 <sup>st</sup> May '23 – 26 <sup>th</sup> May '23	Ch-2 Unit And Measurement Ch-4 Motion In A Plane
III	3 <sup>rd</sup> July '23 – 31 <sup>st</sup> July'23	Ch-5 Laws Of Motion Ch-6 Work, Energy And Power
IV	1 <sup>st</sup> Aug '23 – 1 <sup>st</sup> Sept'23	Ch-7 Principal of Rotational Mechanics
V	Half Yearly Examination 6 <sup>th</sup> Sept-18 <sup>th</sup> Sept'2023	
VI	19 <sup>th</sup> Sept '23 – 29 <sup>th</sup> Sept '23	Ch-8 Gravitation
VII	3 <sup>rd</sup> Oct'23 – 31 <sup>st</sup> Oct'23	Ch- 9 Properties Of Solids Ch-10 Fluids At Rest And Motion
VIII	2 <sup>nd</sup> Nov'23 – 30 <sup>th</sup> Nov'23	Ch-14 Oscillation Ch-15 Waves
IX	1 <sup>st</sup> Dec'23-29 <sup>th</sup> Dec'23	Ch-12 Thermodynamics Ch-11 Thermal Properties Of Matter
X	12 <sup>th</sup> Jan'24-30 <sup>th</sup> Jan'24	Ch-13 Kinetic Theory Of Gases
XI	Preparatory Leave-1 <sup>st</sup> - 4 <sup>th</sup> Feb'2-24 Annual Examination-5 <sup>th</sup> Feb-16 <sup>th</sup> Feb'2024	

**CHEMISTRY (Subject Code: 043)**

CYCLE NO.	CYCLE DATES	CHAPTER
I	5 <sup>th</sup> Apr '23 – 29 <sup>th</sup> Apr '23	Some basic concepts of chemistry Structure of Atom
II	1 <sup>st</sup> May '23 – 26 <sup>th</sup> May '23	Structure of Atom Classification of Elements
III	3 <sup>rd</sup> July '23 – 31 <sup>st</sup> July'23	Chemical bonding and molecular structure s-Block Elements
IV	1 <sup>st</sup> Aug '23 – 1 <sup>th</sup> Sept'23	s-Block Elements p-Block Elements
V	Half Yearly Examination-6 <sup>th</sup> Sept-18 <sup>th</sup> Sept'2023	
VI	19 <sup>th</sup> Sept '23 – 29 <sup>th</sup> Sept '23	Basic concepts of organic chemistry
VII	3 <sup>rd</sup> Oct'23 - 31 <sup>st</sup> Oct'23	Hydrocarbons Redox Reactions
VIII	2 <sup>nd</sup> Nov'23 - 30 <sup>st</sup> Nov'23	States of Matter Thermodynamics
IX	1 <sup>st</sup> Dec'23-29 <sup>th</sup> Dec'23	Equilibrium Hydrogen
X	12 <sup>th</sup> Jan'24-30 <sup>th</sup> Jan'24	Environmental Chemistry
XI	Preparatory Leave-1 <sup>st</sup> - 4 <sup>th</sup> Feb'2-24 Annual Examination-5 <sup>th</sup> Feb-16 <sup>th</sup> Feb'2024	

**BIOLOGY (Subject Code: 044)**

CYCLE	CYCLE DATES	CHAPTER
I	5 <sup>th</sup> Apr'23 – 29 <sup>th</sup> Apr'23	<ul style="list-style-type: none"> <li>Ch. Digestion and Absorption</li> <li>Ch. Exchange of gases.</li> </ul> <b>Practical</b> -Study of the parts of a compound microscope.
II	1 <sup>st</sup> May '23 – 26 <sup>th</sup> May '23	<ul style="list-style-type: none"> <li>Ch. Body fluids &amp; circulation</li> <li>Ch. Elimination of nitrogenous waste,</li> <li>Ch. Nitrogenous wastes and its elimination</li> <li>Ch. Movement &amp; Locomotion</li> </ul>
III	3 <sup>rd</sup> July'23 – 31 <sup>st</sup> July'23	<ul style="list-style-type: none"> <li>Ch. Neural control &amp; coordination,</li> <li>Ch. Chem. coordination &amp; Integration</li> <li>Ch. Living World</li> </ul> <b>Practical</b> -Study of human skeleton and different types of

		joints with the help of virtual images/models only. Practical-Test for the presence of sugar, starch, proteins and fats. To detect these in suitable plant and animal materials.
<b>IV</b>	<b>1<sup>st</sup> Aug'23 – 1<sup>st</sup> Sept'23</b>	<ul style="list-style-type: none"> <li>Ch. Biological Classification</li> <li>Ch. Kingdom Plantae</li> </ul> <b>Practical</b> -Study of human skeleton and different types of joints with the help of virtual images/models only.
<b>V</b>	<b>Half Yearly Examination-6<sup>th</sup> Sept-18<sup>th</sup> Sept'2023</b>	
<b>VI</b>	<b>19<sup>th</sup> Sept'23 – 29<sup>th</sup> Sept'23</b>	<ul style="list-style-type: none"> <li>Ch. Animal Kingdom,</li> <li>Ch. Morphology of flowering plants.</li> </ul>
<b>VII</b>	<b>3<sup>rd</sup> Oct'23 - 31<sup>st</sup> Oct'23</b>	<b>Practical</b> -Study of the specimens/slides/models and identification with reasons Bacteria, Oscillatoria, Spirogyra, Rhizopus, mushroom, yeast <ul style="list-style-type: none"> <li>Cont...Ch. Morphology of flowering plants.</li> <li>Anatomy of flowering plants.</li> </ul> Practical-liverwort, moss, fern, pine, one monocotyledonous plant and one dicotyledonous plant and one lichen.
<b>VIII</b>	<b>2<sup>nd</sup> Nov'23 – 30<sup>th</sup> Nov'23</b>	<ul style="list-style-type: none"> <li>Ch. Structural Organisations in Animals,</li> <li>Ch. Cell-Unit of Life</li> <li>Ch. Biomolecules</li> <li>Ch. Cell cycle and cell division</li> </ul> Practical-Study of different modifications in root, stem and leaves. <ul style="list-style-type: none"> <li>Practical-Study of external morphology of cockroach through virtual images/models.</li> </ul>
<b>IX</b>	<b>1<sup>st</sup> Dec'23 - 29<sup>th</sup> Dec'23</b>	<ul style="list-style-type: none"> <li>Cont...Ch. Cell cycle and cell division,</li> <li>Transport in plants</li> <li>Ch. Photosynthesis in higher plant</li> </ul> Practical-Study and identification of different types of Inflorescence (cymose and racemose).
<b>X</b>	<b>12<sup>th</sup> Jan'24 - 30<sup>th</sup> Jan'24</b>	<ul style="list-style-type: none"> <li>Ch. Mineral Nutrition,</li> <li>Ch. Plant Respiration</li> <li>Ch. Plant growth &amp; Development</li> </ul> Practical-Study of osmosis by potato osmometer. Practical-Study of plasmolysis in epidermal peels (e.g. Rheo leaves). Practical-Chromatography – Separation of pigments. Practical-Comparative study of the rates of transpiration in the upper and lower surface of leaves. Practical-Study of mitosis in onion root tip cells and animal cells (grasshopper) from permanent slides. Practical-Study of imbibition in seeds/raisins.
<b>XI</b>	<b>Preparatory Leave - 1<sup>st</sup> - 4<sup>th</sup> Feb'24</b> <b>Annual Examination - 5<sup>th</sup> Feb-16<sup>th</sup> Feb'24</b>	

### **ACCOUNTANCY (Subject Code:055)**

CYCLE	CYCLE DATES	CONTENT
I	5 <sup>th</sup> April - 29 <sup>th</sup> April 23	Chapter 1 Introduction to Accounting Chapter 2 Basic Accounting Terms
II	1 <sup>st</sup> May - 26 <sup>th</sup> May 23	Chapter 3 Theory Base of Accounting, Accounting standards Chapter 4 Bases of Accounting Chapter 5 Accounting Equation
III	3 <sup>rd</sup> July – 31 <sup>st</sup> July 23	Chapter 6 Accounting Procedures- Rules of Debit and Credit Chapter 7 Origin of transactions- Source Documents. Chapter 8 Journal
IV	1 <sup>st</sup> August- 1 <sup>st</sup> Sept. 23	Chapter 9 Ledger Chapter 10 Special Purpose Books 1 Chapter 11 Special purpose Books 2
V	<b>Half Yearly Examination-6<sup>th</sup> Sept-18<sup>th</sup> Sept'2023</b>	
VI	19 <sup>th</sup> Sept. – 29 <sup>th</sup> Sept.23	Chapter 12 Accounting of Goods and Services Tax Chapter 13 Bank Reconciliation Statement
VII	3 <sup>rd</sup> Oct. – 31 <sup>st</sup> Oct.23	Chapter 14 Trial Balance Chapter 15 Depreciation
VIII	2 <sup>nd</sup> Nov.- 30 <sup>th</sup> Nov. 23	Chapter 16 Provisions and Reserves Chapter 17 Rectification of Errors
IX	1 <sup>st</sup> Dec. – 29 <sup>th</sup> Dec. 23	Chapter 18 Financial Statements of Sole Proprietorship Chapter 19 Adjustments in Preparation of Financial Statements
X	12 <sup>th</sup> Jan.- 30 <sup>th</sup> Jan. 24	REVISION FOR ANNUAL EXAM
XI	<b>Preparatory leave 1<sup>st</sup> – 4<sup>th</sup> Feb. 24</b> <b>Annual Examination 5<sup>th</sup> Feb.- 16<sup>th</sup> Feb. 24</b>	

### **BUSINESS STUDIES (Subject Code :054)**

CYCLE	CYCLE DATES	CONTENT
I	5 <sup>th</sup> Apr '23 – 29 <sup>th</sup> Apr '23	Evolution and fundamentals of business and forms of business organisation
II	1 <sup>st</sup> May '23 – 26 <sup>th</sup> May '23	Forms of business organisation cont....
III	3 <sup>rd</sup> July '23 – 31 <sup>st</sup> July '23	Formation of company

IV	1 <sup>st</sup> Aug '23 – 1 <sup>st</sup> Sept '23	Business services
V	<b>Half Yearly Examination-6<sup>th</sup> Sept-18<sup>th</sup> Sept'2023</b>	
VI	19 <sup>th</sup> Sept '23- 29 <sup>th</sup> Sept'23	Emerging modes of business
VII	3 <sup>rd</sup> Oct'23 - 31 <sup>st</sup> Oct'23	Social responsibility of business and business ethics and public, private and global enterprises
VIII	2 <sup>nd</sup> Nov'23 - 30 <sup>st</sup> Nov'23	Sources of business finance and small business and entrepreneurship
IX	1 <sup>st</sup> Dec'23-29 <sup>th</sup> Dec'23	Internal trade and international business
X	12 <sup>th</sup> Jan'24-30 <sup>th</sup> Jan'24	<b>REVISION</b>
XI	<b>Preparatory Leave-1<sup>st</sup> - 4<sup>th</sup> Feb'2-24 Annual Examination-5<sup>th</sup> Feb-16<sup>th</sup> Feb'2024</b>	

### **ECONOMICS (Subject Code: 030)**

CYCLE	CYCLE DATES	CONTENT
I	5 <sup>th</sup> Apr '23 – 29 <sup>th</sup> Apr '23	Introduction -Microeconomics
II	1 <sup>st</sup> May '23 – 26 <sup>th</sup> May '23	Consumer Equilibrium and Demand
III	3 <sup>rd</sup> July '23 – 31 <sup>st</sup> July'23	Introduction, Collection, Organisation, and Presentation of data
IV	1 <sup>st</sup> Aug '23 – 1 <sup>st</sup> Sept'23	Producers Behaviour and Supply
V	<b>Half Yearly Examination-6<sup>th</sup> Sept-18<sup>th</sup> Sept'2023</b>	
VI	19 <sup>th</sup> Sept '23 – 29 <sup>th</sup> Sept '23	Statistical tools and interpretation - A
VII	3 <sup>rd</sup> Oct'23 - 31 <sup>st</sup> Oct'23	Main market forms and price determination
VIII	2 <sup>nd</sup> Nov'23 - 30 <sup>st</sup> Nov'23	Statistical tools and interpretation - B
IX	1 <sup>st</sup> Dec'23-29 <sup>th</sup> Dec'23	Index numbers
X	12 <sup>th</sup> Jan'24-30 <sup>th</sup> Jan'24	Revision
XI	<b>XI - Preparatory Leave-1<sup>st</sup> - 4<sup>th</sup> Feb'2024 Annual Examination-5<sup>th</sup> Feb-16<sup>th</sup> Feb'2024</b>	

## **LEGAL STUDIES (Subject Code:074)**

<b>CYCLE</b>	<b>CYCLE DATES</b>	<b>CONTENT</b>
<b>I</b>	<b>5<sup>th</sup> Apr '23 – 29<sup>th</sup> Apr'23</b>	<b>UNIT I: Introduction to Political Institutions: Concept of State</b> <ol style="list-style-type: none"> <li>1. What is a State?</li> <li>2. The concept of State and Article 12 of the Indian Constitution</li> <li>3. What is a Government?</li> <li>4. Emergence of the State from Society</li> <li>5. Definition of State</li> <li>6. Forms and Organs of Government:</li> </ol>
<b>II</b>	<b>1<sup>st</sup> May '23 – 26<sup>th</sup> May '23</b>	<b>UNIT I: Introduction to Political Institutions: Concept of State : Concept of Separation of Powers</b> <ol style="list-style-type: none"> <li>1. Historical Background and Evolution of Montesquieu's Doctrine of Separation of Powers</li> <li>2. Montesquieu's Doctrine of Separation of Powers B. Basic Features of the Doctrine Separation of Powers as Enunciated by Montesquieu</li> <li>3. Separation of Powers in Britain, US and India</li> </ol>
<b>III</b>	<b>3<sup>rd</sup> July '23 – 31<sup>st</sup> July'23</b>	<b>UNIT II Basic Features of The Constitution of India</b> <ol style="list-style-type: none"> <li>1. Definition of the term Constitution</li> <li>2. Historical Perspective of Indian Constitution</li> <li>3. Salient Features of The Constitution of India</li> </ol>
<b>IV</b>	<b>1<sup>st</sup> Aug '23 – 1<sup>st</sup> Sept'23</b>	<b>REVISION FOR HALF YEARLY EXAMINATION</b>
<b>V</b>	<b>Half Yearly Examination-6<sup>th</sup> Sept-18<sup>th</sup> Sept'2023</b>	
<b>VI</b>	<b>19<sup>th</sup> Sept '23-29<sup>th</sup> Sept'23</b>	<b>UNIT III Jurisprudence, Nature and Sources of Laws</b> <ol style="list-style-type: none"> <li>1. Classification of Law</li> <li>2. Where does Law come from?</li> <li>3. Customs and Precedents as sources of Law</li> </ol>
<b>VII</b>	<b>3<sup>rd</sup> Oct'23 - 31<sup>st</sup> Oct'23</b>	<b>UNIT III Jurisprudence, Nature and Sources of Laws</b> <ol style="list-style-type: none"> <li>1. Law Reforms in India</li> <li>2. Cyber Law in India</li> <li>3. Scope and Extent of The Information and Technology Act, 2000(IT Act) ix. IX. What was Section 66A of IT Act, 2000?</li> </ol>
<b>VIII</b>	<b>2<sup>nd</sup> Nov'23 - 30<sup>st</sup> Nov'23</b>	<b>UNIT IV Judiciary : Constitutional, Civil and Criminal courts and Processes</b> <ol style="list-style-type: none"> <li>1. Establishment of the Supreme Court and High Courts</li> <li>2. Independence and Impartiality of the Supreme Court</li> <li>3. Structure and Hierarchy of the Courts in India</li> <li>4. The civil process and functioning of Civil courts.</li> <li>5. structure and functioning of criminal courts in India</li> <li>6. other courts in India a) Family Courts b) Administrative Tribunals</li> </ol>



<b>IX</b>	<b>1<sup>st</sup> Dec'23-29<sup>th</sup> Dec'23</b>	<b>UNIT V: Family Justice System</b> 1. Nature of Family law in India 2. Human rights and gender perspective 3. Role of women in the creation of family courts 4. Role of lawyers and counselors in Family courts 5. Marriage and Divorce 6. Laws in India on prevention of violence against women
<b>X</b>	<b>12<sup>th</sup> Jan'24-30<sup>th</sup> Jan'24</b>	<b>REVISION FOR ANNUAL EXAMINATION</b>
<b>XI</b>	<b>Preparatory Leave-1<sup>st</sup> - 4<sup>th</sup> Feb'2-24 Annual Examination-5<sup>th</sup> Feb-16<sup>th</sup> Feb'2024</b>	

### **HISTORY( Subject Code :027)**

<b>CYCLE</b>	<b>CYCLE DATES</b>	<b>CONTENT</b>
<b>I</b>	<b>5<sup>th</sup> Apr '23 – 29<sup>th</sup> Apr '23</b>	<b>Chapter -1:</b> From the Beginning of Time <b>Chapter -2:</b> Writing and City Life
<b>II</b>	<b>1<sup>st</sup> May '23 – 26<sup>th</sup> May '23</b>	<b>Chapter -3</b> An Empire Across Three Continents <b>Chapter -4</b> Rise of Central Islamic Lands
<b>III</b>	<b>3<sup>rd</sup> July '23 – 31<sup>st</sup> July'23</b>	<b>Chapter -5</b> The Nomadic Empires
<b>IV</b>	<b>1<sup>st</sup> Aug '23 – 1<sup>st</sup> Sept'23</b>	<b>Chapter -6</b> The Three Orders
<b>V</b>	<b>Half Yearly Examination (6<sup>th</sup> Sept-18<sup>th</sup> Sept'23)</b>	
<b>VI</b>	<b>19<sup>th</sup> Sept '23 -29<sup>th</sup> Sept '23</b>	<b>Chapter -7</b> The Changing Cultural Traditions
<b>VII</b>	<b>3<sup>rd</sup> Oct'23 - 31<sup>st</sup> Oct'23</b>	<b>Chapter -8</b> Confrontation of Cultures <b>Chapter -9</b> Industrial Revolution
<b>VIII</b>	<b>2<sup>nd</sup> Nov'23 – 30<sup>th</sup> Nov'23</b>	<b>Chapter -9</b> Industrial Revolution (contd.) <b>Chapter -10</b> Displacing Indigenous People
<b>IX</b>	<b>1<sup>st</sup> Dec'23-29<sup>th</sup> Dec'23</b>	<b>Chapter -11</b> Paths to Modernization
<b>X</b>	<b>12<sup>th</sup> Jan'24-30<sup>th</sup> Jan'24</b>	<b>Chapter -11</b> Paths to Modernization (contd.)
<b>XI - Preparatory Leave-1<sup>st</sup> - 4<sup>th</sup> Feb'2024 Annual Examination-5<sup>th</sup> Feb-16<sup>th</sup> Feb'2024</b>		

**POLITICAL SCIENCE (Subject Code:028)**

CYCLE NO.	CYCLE DATES	TOPICS
I	5 <sup>th</sup> Apr '23 – 29 <sup>th</sup> Apr '23	<b>Chapter 1:</b> Constitution: Why and How?
II	1 <sup>st</sup> May '23 – 26 <sup>th</sup> May '23	<b>Chapter 2:</b> Election and Representation. <b>Chapter 3:</b> Political Theory-An Introduction.
III	3 <sup>rd</sup> July '23 – 31 <sup>st</sup> July'23	<b>Chapter 4:</b> Rights in the Indian Constitution. <b>Chapter 5:</b> Freedom.
IV	1 <sup>st</sup> Aug '23 – 1 <sup>th</sup> Sept'23	<b>Chapter 6:</b> Equality +Revision.
V	<b>Half Yearly Examination (6<sup>th</sup> Sept-18<sup>th</sup> Sept'23)</b>	
VI	19 <sup>th</sup> Sept '23 – 29 <sup>th</sup> Sept '23	<b>Chapter 7:</b> Rights.
VII	3 <sup>rd</sup> Oct'23 - 31 <sup>st</sup> Oct'23	<b>Chapter 8:</b> Executive. <b>Chapter 9:</b> Legislature. <b>Chapter 10:</b> Social Justice.
VIII	2 <sup>nd</sup> Nov'23 - 30 <sup>st</sup> Nov'23	<b>Chapter 11:</b> Judiciary. <b>Chapter 12:</b> Federalism. <b>Chapter 13:</b> Citizenship. <b>Chapter 14:</b> Local Government.
IX	1 <sup>st</sup> Dec'23-29 <sup>th</sup> Dec'23	<b>Chapter 15:</b> Secularism. <b>Chapter 16:</b> Nationalism. <b>Chapter 17:</b> Constitution as a Living document. <b>Chapter 18:</b> Peace.
X	12 <sup>th</sup> Jan'24-30 <sup>th</sup> Jan'24	<b>REVISION</b>
XI	<b>Preparatory Leave-1<sup>st</sup> - 4<sup>th</sup> Feb'2-24</b> <b>Annual Examination-5<sup>th</sup> Feb-16<sup>th</sup> Feb'2024</b>	

**PSYCHOLOGY (Subject Code: 037)**

CYCLE	CYCLE DATES	CONTENT
I	5 <sup>th</sup> Apr '23 – 29 <sup>th</sup> Apr '23	<b>CHAPTER 1:</b> What is Psychology?
II	1 <sup>st</sup> May '23 – 26 <sup>th</sup> May '23	<b>CHAPTER 2:</b> Methods of Enquiry in Psychology Introduction to Annual Project based on Chapter 2
III	3 <sup>rd</sup> July '23 – 31 <sup>st</sup> July'23	<b>CHAPTER 3:</b> The Bases of Human Behavior
IV	1 <sup>st</sup> Aug '23 – 1 <sup>st</sup> Sept'23	<b>CHAPTER 4:</b> Human Development <b>CHAPTER 5:</b> Sensory, Attentional and Perceptual Processes Research based Project Revision for Half yearly Examination

V	<b>Half Yearly Examination (6<sup>th</sup> Sept-18<sup>th</sup> Sept'23)</b>	
VI	<b>19<sup>th</sup> Sept '23 – 29<sup>th</sup> Sept '23</b>	<b>CHAPTER 6:</b> Learning Introduction to Practical 1
VII	<b>3<sup>rd</sup> Oct'23 - 31<sup>st</sup> Oct'23</b>	<b>CHAPTER 7:</b> Human Memory Introduction to Practical 2
VIII	<b>2<sup>nd</sup> Nov'23 – 30<sup>th</sup> Nov'23</b>	<b>CHAPTER 8:</b> Thinking
IX	<b>1<sup>st</sup> Dec'23 – 29<sup>th</sup> Dec'23</b>	<b>CHAPTER 9:</b> Motivation and Emotion
X	<b>12<sup>th</sup> Jan'24-30<sup>th</sup> Jan'24</b>	Preparation for Annual Examination
XI	<b>Annual Examination (5<sup>th</sup> Feb'24- 16<sup>th</sup> Feb'24)</b>	

### **INFORMATICS PRACTICES(Subject Code : 065)**

<b>CYCLE</b>	<b>CYCLE DATES</b>	<b>CONTENT</b>
<b>I</b>	<b>5<sup>th</sup> Apr '23 – 29<sup>th</sup> Apr '23</b>	Introduction to computer System Introduction to Python
<b>II</b>	<b>1<sup>st</sup> May '23 – 26<sup>th</sup> May '23</b>	Python Control Statements
<b>III</b>	<b>3<sup>rd</sup> July '23 – 31<sup>st</sup> July'23</b>	Python Loops
<b>IV</b>	<b>1<sup>st</sup> Aug '23 – 1<sup>st</sup> Sept'23</b>	Python Lists
<b>V</b>	<b>Half Yearly Examination-6<sup>th</sup> Sept-18<sup>th</sup> Sept'2023</b>	
<b>VI</b>	<b>19<sup>th</sup> Sept '23 – 29<sup>th</sup> Sept '23</b>	Python Dictionary
<b>VII</b>	<b>3<sup>rd</sup> Oct'23 - 31<sup>st</sup> Oct'23</b>	Introduction to Database Management System
<b>VIII</b>	<b>2<sup>nd</sup> Nov'23 – 30<sup>th</sup> Nov'23</b>	Relational data Model Concepts
<b>IX</b>	<b>1<sup>st</sup> Dec'23 - 29<sup>th</sup> Dec'23</b>	DBMS Queries
<b>X</b>	<b>12<sup>th</sup> Jan'24-30<sup>th</sup> Jan'24</b>	Introduction to Emerging trends
<b>XI</b>	<b>Preparatory Leave-1<sup>st</sup> - 4<sup>th</sup> Feb'24 Annual Examination-5<sup>th</sup> Feb-16<sup>th</sup> Feb'2024</b>	

**COMPUTER SCIENCE (Subject Code :083)**

CYCLE	CYCLE DATES	CONTENT
I	5 <sup>th</sup> Apr '23 – 29 <sup>th</sup> Apr '23	Computer System Organization Boolean Logic & Number System
II	1 <sup>st</sup> May '23 – 26 <sup>th</sup> May '23	Computational Thinking and Getting Started with Python
III	3 <sup>rd</sup> July '23 – 31 <sup>st</sup> July'23	Python Fundamentals Conditional and Iterative Statements
IV	1 <sup>st</sup> Aug '23 – 1 <sup>st</sup> Sept'23	Strings in Python
V	Half Yearly Examination-5 <sup>th</sup> Sept-18 <sup>th</sup> Sept'2023	
VI	19 <sup>th</sup> Sept '23 – 29 <sup>th</sup> Sept '23	Lists in Python
VII	3 <sup>rd</sup> Oct'23 - 31 <sup>st</sup> Oct'23	Lists in Python (Cont...)
VIII	2 <sup>nd</sup> Nov'23 – 30 <sup>th</sup> Nov'23	Tuples and Dictionary
IX	1 <sup>st</sup> Dec'23 - 29 <sup>th</sup> Dec'23	Introduction to Python Modules, Error and Exception Handling in Python  Sorting techniques
X	12 <sup>th</sup> Jan'24-30 <sup>th</sup> Jan'24	Society, Law and Ethics
XI	Preparatory Leave-1 <sup>st</sup> - 4 <sup>th</sup> Feb'24 Annual Examination-5 <sup>th</sup> Feb-16 <sup>th</sup> Feb'2024	

**PAINTING (Subject Code:049)**

CYCLE	CYCLE DATES	CONTENT
I	5 <sup>th</sup> Apr '23 – 29 <sup>th</sup> Apr '23	Unit 1: Pre – historic rock paintings and art of Indus valley (Wizards dance)
II	1 <sup>st</sup> May '23 – 26 <sup>th</sup> May '23	Harappa & Mohenjo-Daro ,Dancing girl (Mohenjo-Daro) (Male Torso (Harappa), Mother goddess (Mohenjo-Daro) (study and appreciation of following seals -Bull from mohenko-daro), decoration of earthen ware Painted earthen wares)
III	3 <sup>rd</sup> July '23 – 31 <sup>st</sup> July'23	Unit 2: Buddhist, Jain and Hindu art (Introduction and study of sculptures)
IV	1 <sup>st</sup> Aug '23 – 1 <sup>st</sup> Sept'23	(Loin Capital, Chauri Bearer, Seated Buddha Katra Mound, Jain Tirthankara)
V	Half Yearly Examination (5 <sup>th</sup> Sept-18 <sup>th</sup> Sept'23)	
VI	19 <sup>th</sup> Sept '23 – 29 <sup>th</sup> Sept '23	Unit 2: Introduction to Ajanta, Padmapani Bodhisattva (Ajanta cave no. I, Maharashtra)

<b>VII</b>	<b>3<sup>rd</sup> Oct'23 - 31<sup>st</sup> Oct'23</b>	Unit 3: Temple sculpture, bronzes and artistic aspects of Indo-Islamic architecture (Descent of Ganga, Trimurti, Laxmi Narayan, Cymbal players, Mother and Child)
<b>VIII</b>	<b>2<sup>nd</sup> Nov'23 – 30<sup>th</sup> Nov'23</b>	Unit 3: Bronzes introduction to Indian Bronzes, method of casting (solid and hollow) study of south Indian bronzes (study of Nataraj bronze sculpture)
<b>IX</b>	<b>1<sup>st</sup> Dec'23-29<sup>th</sup> Dec'23</b>	Unit 3: Artistic aspects of the indo – Islamic architecture (Qutub Minar, Gol Gumbad)
<b>X</b>	<b>12<sup>th</sup> Jan'24-30<sup>th</sup> Jan'24</b>	<b>REVISION</b>
<b>XI - Preparatory Leave-1<sup>st</sup> - 4<sup>th</sup> Feb'2024</b> <b>Annual Examination-5<sup>th</sup> Feb-16<sup>th</sup> Feb'2024</b>		

### **PHYSICAL EDUCATION(Subject Code: 048)**

<b>CYCLE</b>	<b>CYCLE DATES</b>	<b>CONTENT</b>
<b>I</b>	<b>5<sup>th</sup> Apr '23 – 29<sup>th</sup> Apr '23</b>	<b>Chapter -1:</b> Changing Trends and Career in Physical Education  <b>Chapter -2:</b> Olympism
<b>II</b>	<b>1<sup>st</sup> May '23 – 26<sup>th</sup> May '23</b>	<b>Chapter -2</b> Olympism (contd.) <b>Chapter -3</b> Yoga
<b>III</b>	<b>3<sup>rd</sup> July '23 – 31<sup>st</sup> July'23</b>	<b>Chapter -4</b> Physical Education and Sports for CWSN
<b>IV</b>	<b>1<sup>st</sup> Aug '23 – 1<sup>st</sup> Sept'23</b>	<b>Chapter -5</b> Physical Fitness, Health and Wellness
<b>V</b>	<b>Half Yearly Examination (6<sup>th</sup> Sept-18<sup>th</sup> Sept'23)</b>	
<b>VI</b>	<b>19<sup>th</sup> Sept '23 – 29<sup>th</sup> Sept '23</b>	<b>Chapter -6</b> Test, Measurement and Evaluation
<b>VII</b>	<b>3<sup>rd</sup> Oct'23 - 31<sup>st</sup> Oct'23</b>	<b>Chapter -7</b> Fundamentals of Anatomy and Physiology in Sports
<b>VIII</b>	<b>2<sup>nd</sup> Nov'23 – 30<sup>th</sup> Nov'23</b>	<b>Chapter -8</b> Fundamentals of Kinesiology and Biomechanics in Sports <b>Chapter -9</b> Psychology in Sports
<b>IX</b>	<b>1<sup>st</sup> Dec'23-29<sup>th</sup> Dec'23</b>	<b>Chapter - 10</b> Training and Doping in Sports
<b>X</b>	<b>12<sup>th</sup> Jan'24-30<sup>th</sup> Jan'24</b>	<b>Recapitulation and revision for Annual Exams and Practical File preparation</b>
<b>XI - Preparatory Leave-1<sup>st</sup> - 4<sup>th</sup> Feb'2024</b> <b>Annual Examination-5<sup>th</sup> Feb-16<sup>th</sup> Feb'2024</b>		