



**Maharani Gayatri Devi Girls 'School**  
Sawai Ram Singh Road, Jaipur

भव्यदाशहेतुि

**ANNUAL SYLLABUS**  
**CLASS- 12**  
**SESSION-2023-2024**

SUBJECT	MONTH	TOPICS
ENGLISH (301)	APRIL	<b>FLAMINGO</b> The Last Lesson My Mother at Sixty Six <b>VISTAS</b> The Third Level <b>WRITING SKILLS</b> Notice Letter to the Editor
	MAY	<b>FLAMINGO</b> Lost Spring <b>VISTAS</b> The Tiger King Deep Waters <b>WRITING SKILLS</b> Job Application
	JUNE	<b>FLAMINGO</b> The Rat Trap
	JULY	<b>FLAMINGO</b> Indigo Keeping Quiet <b>WRITING SKILLS</b> Invitations and Replies <b>READING</b> Unseen passage practice for comprehension
	<b>ASSESSMENT -I</b> <b>10 JULY-22</b> <b>JULY,2023</b>	Syllabus covered from April to June
	AUGUST	<b>FLAMINGO</b> Aunt Jennifer's Tigers A Thing of beauty <b>VISTAS</b> Journey to the End of the Earth The Enemy On the Face of it
	SEPTEMBER	<b>FLAMINGO</b> A Roadside Stand <b>Writing Skills</b> Report Writing Article Writing
	<b>ASSESSMENT -II</b> <b>6 SEPT-20</b> <b>SEPT,2023</b>	Syllabus covered from April to August
	OCTOBER	<b>FLAMINGO</b> Poets and Pancakes The Interview Going Places <b>VISTAS</b>

		Memories of Childhood <b>READING</b> Unseen passage practice for comprehension
	<b>PREBOARD EXAMINATION</b> <b>27 OCT-08 NOV,23</b>	Syllabus covered from April to October
<b>HINDI (302)</b>	APRIL- MAY	पाठ 1- 1.एक गीत 2.आत्मपरिचय पाठ 2 -1. पतंग पाठ 10- भक्तितन पाठ 11-बाज़ार दर्शन <b>पाठ 1 सिल्वर वेडिंग (वितान )</b> पाठ 3.विभिन्न माध्यमो के लिए लेखन (अभिव्यक्ति और माध्यम ) <b>पाठ 13-अप्रत्याशित लेखन</b>
	JUNE -JULY	पाठ 3 -1.कविता के बहाने 2.बात सीधी थी पाठ -4 कैमरे में बंद अपाहिज पाठ 12 - काले मेघा पानी दे पाठ 5 - विशेष लेखन-स्वरूप और प्रकार (अभिव्यक्ति और माध्यम ) पाठ-6 कैसे बनती है कविता (अभिव्यक्ति और माध्यम) पाठ -2 जूझ(वितान) अपठित काव्यान्श एवं गद्यांश आंतरिक मूल्यांकन गतिविधि
	<b>ASSESSMENT -I</b> <b>10 JULY-22</b> <b>JULY,2023</b>	पाठ 1- 1.एक गीत 2.आत्मपरिचय पाठ 10- भक्तितन पाठ 11-बाज़ार दर्शन पाठ 3.विभिन्न माध्यमो के लिए लेखन (अभिव्यक्ति और माध्यम ) <b>पाठ 13-अप्रत्याशित लेखन</b>
	AUGUST	पाठ 5 -उषा पाठ -6 बादल राग पाठ -13 पहलवान की ढोलक <b>पाठ -14 शिरीष के फूल</b> पाठ -3 अतीत में दबे पाँव (वितान) पाठ -7 नाटक लिखने का व्याकरण (अभिव्यक्ति और माध्यम) <b>कार्यालयी पत्र-लेखन</b>
	SEPTEMBER	पाठ 9- छोटा मेरा खेत, बगुलों के पंख पाठ -8 कैसे लिखें कहानी (अभिव्यक्ति और माध्यम) <b>परीक्षा हेतु शंका-समाधान एवं पुनरावृत्ति</b>
	<b>ASSESSMENT -II</b> <b>6 SEPT-20</b> <b>SEPT,2023</b>	अप्रैल-सितम्बर तक का पाठ्यक्रम assessment-2 में दिया जाएगा

	OCTOBER	पाठ -7 तुलसीदास पाठ -8 रुबाईयाँ पाठ -15 बाबा साहब भीमराव आंबेडकर पाठ-11 कहानी का नाट्य- रूपांतर (अभिव्यक्ति और माध्यम) पाठ -12 कैसे बनता है रेडियो नाटक (अभिव्यक्ति और माध्यम)
	<b>PREBOARD EXAMINATION</b> 27 OCT-08 NOV,23	अप्रैल –अक्टूबर तक का पाठ्यक्रम preboard में दिया जाएगा
	NOVEMBER	1) आन्तरिक – मूल्याङ्कनगतिविधि
	DECEMBER	1) समस्तपाठ्यक्रम की पुनरावृत्ति 2) आन्तरिकमूल्याङ्कन
<b>SANSKRIT (322)</b>	APRIL-MAY	1)साहित्यपरिचय - महाकाव्य , गद्यकाव्य , चम्पूकाव्य , नाट्यसाहित्य 2) पाठ: 1 अनुशासनम्पाठ: 5 दौवारिकस्यनिष्ठा व्याकरण - संधि: (पाठाधारितम्) , समास: (पाठाधारितम्) प्रत्यया: , उपपदविभक्ति:
	JUNE-JULY	1) अपठितअवबोधनम् 2) संकेताधारितपत्रलेखनम् 3) संकेताधारितलघुकथालेखनम् 4) अनुच्छेदलेखनम् / संवादपूर्ति: 5) साहित्यपरिचय - महाकाव्य , गद्यकाव्य , चम्पूकाव्य , नाट्यसाहित्य 6) पाठ: - मातुराज्ञागरीयसी 7) पाठ: - प्रजानुरञ्जकोनूप: 8) व्याकरणम् - संधि: , प्रत्यया: , समास:, उपपदविभक्ति:
	<b>ASSESSMENT - I</b> 10 JULY-22 JULY,2023	Ch. 1,3,5 and for the rest of the syllabus refer to syllabus as mentioned in month of April 23 to June 23
	AUGUST	1) पाठ: - सूक्ति - सौरभम् 2) पाठ: - नैकेनापिसमंगतावसुमती 3) पाठ: - मदालसा 4) व्याकरणम् - पाठाधारितसंधि: , प्रत्यया: , समास:, उपपदविभक्ति: 5) आन्तरिक - मूल्याङ्कनगतिविधि:
	SEPTEMBER	1) साहित्यपरिचय - पाठाधारितकविपरिचय 2) आन्तरिक - मूल्याङ्कनगतिविधि:
	<b>ASSESSMENT - II</b> 6 SEPT-20 SEPT,2023	Ch. 4,6,7,9 and for the rest of the syllabus refer to syllabus as mentioned in month of April 23 to September23
	OCTOBER	1) पाठ: - कार्याकार्यव्यवस्थिति:व्याकरणम् - पाठाधारितसंधि: , प्रत्यया: , समास:, उपपदविभक्ति:
	<b>PREBOARD EXAMINATION</b> 27 OCT-08 NOV,23	WHOLE SYLLABUS AS PRESCRIBED BY CBSE
	NOVEMBER	1) समस्तपाठ्यक्रमस्यपुनरावृत्ति: 2) आन्तरिकमूल्याङ्कनम्
	DECEMBER	शंकासमाधान

<b>HISTORY (027)</b>	APRIL	<b>THEMES IN INDIAN HISTORY PART-1</b> Theme-1 Bricks, beads and Bones Theme-2 Kings, farmers and Towns Theme-3 Kinship, Caste and Class
	MAY	Theme-4 Thinkers, Beliefs and Buildings
	JUNE- JULY	<b>THEMES IN INDIAN HISTORY PART-2</b> Theme-5 Through the eyes of Travelers Theme-6 Bhakti, Sufi Traditions Theme-7 An Imperial Capital-Vijaynagar
	<b>ASSESSMENT -I</b> <b>10 JULY-22</b> <b>JULY,2023</b>	Chapter 1 and 2 (Part I)
	AUGUST	<b>THEMES IN INDIAN HISTORY PART-2</b> Theme-8 Peasants, Zamindars and the State <b>THEMES IN INDIAN HISTORY PART-3</b> Theme-10 Colonialism and the Countryside Theme- 11 Rebels and the Raj
	SEPTEMBER	<b>THEMES IN INDIAN HISTOR PART-3</b> Theme- 11 Rebels and the Raj(Continued) Theme-13 Mahatma Gandhi and the Nationalist Movement
	<b>ASSESSMENT -II</b> <b>6 SEPT-20</b> <b>SEPT,2023</b>	Chapter 1 to 6 (Part I, II)
	OCTOBER	<b>THEMES IN INDIAN HISTORY PART-3</b> Theme-15 Framing the Constitution
	<b>PREBOARD EXAMINATION</b> <b>27 OCT-08 NOV,23</b>	Chapter 1 to 12 (Part I, II and III)
<b>POLITICAL SCIENCE(028)</b>	APRIL-MAY	<b>Part A: Contemporary World Politics</b> Ch 1- The End of Bipolarity Ch 2- Contemporary Centres of Power <b>Part B: Politics in India since Independence</b> Ch 1- Challenges of Nation-Building Ch 2- Era of One-Party Dominance <b>PROJECT WORK</b>
	JUNE	<b>Part A: Contemporary World Politics</b> Ch 3-Contemporary South Asia
	JULY	<b>Part A: Contemporary World Politics</b> Ch 4-International Organizations <b>Part B: Politics in India since Independence</b> Ch 3- Politics of Planned Development Ch 4- India's External Relations
	<b>ASSESSMENT -I</b> <b>10 JULY-22</b> <b>JULY,2023</b>	<b>Part A: Contemporary World Politics</b> Chapter 1 and 2 <b>Part B: Politics in India since Independence</b> Chapter 1 and 2
	AUGUST	<b>Part A: Contemporary World Politics</b> Ch 5- Security in Contemporary World <b>Part B: Politics in India since Independence</b> Ch 5- Challenges to and Restoration of the Congress System Ch 6- The Crisis of Democratic Order
	SEPTEMBER	<b>Part A: Contemporary World Politics</b> Ch 6- Environment and Natural Resources <b>Part B: Politics in India since Independence</b>

		Ch 7- Regional Aspirations Ch 8- Recent Developments in Indian Politics
	<b>ASSESSMENT -II</b> <b>6 SEPT-20</b> <b>SEPT,2023</b>	<b>Part A: Contemporary World Politics</b> Chapter 1 to 5 <b>Part B: Politics in India since Independence</b> Chapter 1 to 5
	OCTOBER	<b>Part A: Contemporary World Politics</b> Ch 7- Globalization
	<b>PREBOARD</b> <b>EXAMINATION</b> <b>27 OCT-08 NOV,23</b>	<b>Part A: Contemporary World Politics</b> Chapter 1 to 7 <b>Part B: Politics in India since Independence</b> Chapter 1 to 8 Complete Syllabus
<b>GEOGRAPHY</b> <b>(029)</b>	APRIL-MAY	<b>Fundamentals of Human Geography</b> Ch. 1 - Human Geography: Nature and scope Ch.2- The World Population: Distribution, Density and Growth Ch. 3 - Human Development <b>India People and Economy</b> Ch. 1 - Population: Distribution, Density, Growth and Composition <b>Practical Book:</b> Ch.1-Data-Its Source and Compilation
	JULY	<b>Fundamental of Human Geography</b> Ch. 4- Primary Activities Ch. 5 - Secondary Activities Ch. 6 - Tertiary and Quaternary Activities <b>India People and Economy</b> Ch. 2 - Human Settlements <b>Practical Book:</b> Ch. 2 - Data Processing Ch. 3 - Graphical Representation of Data
	<b>ASSESSMENT -I</b> <b>10 JULY-22</b> <b>JULY,2023</b>	<b>Fundamentals of Human Geography</b> -Chapter 1, 2,3
	AUGUST	<b>Fundamentals of Human Geography</b> Ch. 7 - Transport and Communication <b>India People and Economy</b> Ch. 3 - Land Resources and Agriculture Ch. 4 - Water Resource Ch. 5 - Mineral and Energy Resources <b>Practical Book:</b> Spatial Information and Technology
	<b>ASSESSMENT -II</b> <b>6 SEPT-20</b> <b>SEPT,2023</b>	<b>Fundamentals of Human Geography</b> -Chapter 1 to 8 <b>India People and Economy</b> –Chapter 1,2 <b>Practical Work in Geography</b> - Chapter 1,2
	SEPT-OCTOBER	<b>Fundamental of Human Geography</b> Ch. 8 - International Trade <b>India: People and Economy</b> Ch. 6 - Planning and Sustainable Development in Indian Context Ch. 7- Transport and Communication Ch. 8 - International Trade Ch. 9 - Geographical Perspective on selected issues and Problems

	<b>PREBOARD EXAMINATION</b> 27 OCT-08 NOV,23	<b>Fundamentals of Human Geography-1 to 8</b> <b>India People and Economy-Chapter 1 to 9</b> <b>Practical Work in Geography -1,2,3,4</b>
<b>ECONOMICS</b> <b>(030)</b>	APRIL	<b>Macroeconomics:</b> Unit 1: National Income and Related Aggregates <b>Indian Economic Development</b> Ch. 1: Indian Economy on the eve of Independence
	MAY	<b>Indian Economic Development:</b> Ch. 2: Indian Economy 1950-90
	JUNE	<b>Macroeconomics:</b> Unit 2: Money & Banking
	JULY	<b>Macroeconomics:</b> Unit 3: Determination of Income and Employment. <b>Indian Economic Development:</b> Ch. 3: Economic Reforms Since 1991
	<b>ASSESSMENT -I</b> <b>10 JULY-22</b> <b>JULY,2023</b>	<b>Macroeconomics:</b> Unit 1 <b>Indian Economic Development:</b> Chapter 1 & Chapter 2
	AUGUST	<b>Macroeconomics:</b> Unit 4: Government Budget & the Economy. <b>Indian Economic Development:</b> Ch. 5: Current Challenges facing Indian Economy – Human Capital Formation in India.
	SEPTEMBER	<b>Indian Economic Development:</b> Current Challenges facing Indian Economy – Ch. 6: Rural Development Ch. 7: Employment , Growth, Informalisation and Other Issues
	<b>ASSESSMENT -II</b> <b>6 SEPT-20</b> <b>SEPT,2023</b>	<b>Macroeconomics:</b> Unit 1, 2, 3 & 4 <b>Indian Economic Development:</b> Ch. 1, 2, 3, 5, 6 & 7
	OCTOBER	<b>Macroeconomics:</b> Unit 5: Foreign Exchange Rate and Balance of Payments. <b>Indian Economic Development:</b> Current Challenges facing Indian Economy – Ch. 9: Environment and Sustainable Development
	<b>PREBOARD EXAMINATION</b> 27 OCT-08 NOV,23	<b>Macroeconomics:</b> Unit 1, 2, 3, 4 & 5 <b>Indian Economic Development:</b> Chapter 1, 2, 3, 5, 6, 7 & 9
	NOVEMBER	<b>Indian Economic Development:</b> Ch. 10 : Development Experiences of India – A Comparison with Neighbours
	<b>MUSIC HINDI VOCAL (034)</b>	APRIL-MAY

	JULY	Study of the following Classification of Ragas- Ancient, Medieval and Modern Historical development of Time Theory of Ragas One DrutKhayal with simple elaborations and few tanas in the following RagasBhairav, Bageshri, ShuddhaSarang and Malkauns.
	<b>ASSESSMENT -I 10 JULY-22 JULY,2023</b>	All portion completed till July
	AUGUST	Detail study of the following I. SangeetRatnakar II. SangeetParijat Life sketch and Cotribution of Abdul Karim Khan, Faiyaz Khan, Bade Ghulam Ali Khan, Krishna Rao, Shankar Pandit One Tarana and one Dhamar with dugun and chaugunin any one of the prescribed Ragas.
	SEPTEMBER	Description of Prescribed Talas along with Tala Notation with Thah, Dugun, Tigun and ChaugunJhaptalaRupakTilwadaDhamar a. One composition of Sadra or Dadra b. Folk song
	<b>ASSESSMENT -II 6 SEPT-20 SEPT,2023</b>	All portion completed till September
	OCTOBER	Study of various parts and tuning of Tanpura Ability to recognize the Ragas from the Phrases of swaras rendered by the examiner.
	<b>PREBOARD EXAMINATION 27 OCT-08 NOV,23</b>	Complete syllabus
	NOVEMBER	Critical study of Prescribed Ragas along with recognizing Ragas from phrases of Swaras and elaborating them. Recitation of the Thekas of Jhaptala, Rupak, Tilwada and Dhamar with Dugun and Chaugun, keeping tala with hand beats.
	DECEMBER	Writing in Notation the Compositions of Prescribed Ragas. Bhairav Bageshri Malkauns Knowledge of the structure and tuning of Tanpura Revision of the entire syllabus
<b>HINDUSTANI MUSIC MELODIC INSTRUMENT S (035)</b>	APRIL-MAY	Brief study of the following Alankar, varna, kan, Meend, khatka, murki, Ghamak Brief study of the following gram, murchana, Laya, Tana
	JUNE-JULY	Study of the following classification of Ragas- Ancient Medieval and Modern Historical development of time Theory of Ragas Simple elaborating of following RagadBhairav, Bageshri, and Malkauns
	<b>ASSESSMENT -I 10 JULY-22 JULY,2023</b>	All portion completed till July
	AUGUST	Detailed study of the following sangeetratnakar Sangeetparijat Lifesketch and contribution of Inayat khan, Mushtaqali khan, alaudin khan

	SEPTEMBER	Description of prescribed talas along with tala notations with hand beats Thah, Dugun, Tigun & Chaugun Jhaptala, Rupak, Dhamar Tilwada a. One composition in Jhaptala or Ektak in any one prescribed
	<b>ASSESSMENT -II 6 SEPT-20 SEPT,2023</b>	All portion completed till September
	OCTOBER	Critical study of the prescribed ragas along with recognizing ragas from phrase of swaras and elaborating them Recitation of the thekas of jhaptal, rupak, tilwada, and dhamar, with dugun and chaugun keeping tala with hand beats
	<b>PREBOARD EXAMINATION 27 OCT-08 NOV,23</b>	Complete Syllabus
	NOVEMBER- DECEMBER	Writing in notation the prescribed ragas, Bhairav, Bageshri, Malkauns Knowledge and structure of tuning of the instrument opted for.
<b>PSYCHOLOGY (037)</b>	APRIL	Ch-1: Variations In Psychological Attributes Introduction of Practical 1 Ch-2: Self and Personality
	MAY	Ch 2- Self and Personality (Continue)
	JULY	Ch 3-Meeting Life Challenges Ch 4-Psychological Disorders Introduction of Practical 2 and 3
	<b>ASSESSMENT -I 10 JULY-22 JULY,2023</b>	Ch 5- Therapeutic Approaches BOOK: PSYCHOLOGY Chapter 1
	AUGUST	Ch 5- Therapeutic Approaches (Contd) Introduction of Practical 4
	SEPTEMBER	Ch 6- Attitude and Social Cognition Introduction of Practical 5
	<b>ASSESSMENT -II 6 SEPT-20 SEPT,2023</b>	BOOK: PSYCHOLOGY Chapter 1, 2, 3, 4, 5
	OCTOBER	Ch 7-Social Influences and Group Processes Submission of Case Profile
	<b>PREBOARD EXAMINATION 27 OCT-08 NOV,23</b>	BOOK: PSYCHOLOGY Chapter 1, 2, 3, 4, 5, 6, 7
<b>SOCIOLOGY (039)</b>	APRIL-MAY	<b>Book 1- Indian Society</b> Ch 2- The Demographic Structure of Indian Society
	JUNE-JULY	Ch 3- Social Institutions: Continuity and Change Ch 5- Patterns of Social Inequality and Exclusion
	<b>ASSESSMENT -I 10 JULY-22 JULY,2023</b>	<b>Book 1- Indian society</b> <b>Ch 2 and 3</b> Ch 2- The Demographic Structure of Indian Society  Ch3- Social Institutions Continuity and Change



	AUGUST	Ch 6- The Challenges of Cultural Diversity <b>Book 2- Social Change and Development</b> Ch 1- Structural Change Ch 2- Cultural change
	SEPTEMBER	Ch 4- Change and Development in Rural Society
	<b>ASSESSMENT -II</b> <b>6 SEPT-20</b> <b>SEPT,2023</b>	<b>Book 1- Indian society</b> <b>Ch 2, 3, 5 and 6</b> <ul style="list-style-type: none"> <li>• Ch 2- The Demographic Structure of Indian Society</li> <li>• Ch3- Social Institutions Continuity and Change</li> <li>• Ch 5- Patterns of Social Inequality and Exclusion</li> <li>• Ch 6- The Challenges of Cultural Diversity</li> </ul> <b>Book 2- Social Change and Development</b> <b>Ch 1 and 2</b> <ul style="list-style-type: none"> <li>• Ch 1- Structural Change</li> <li>• Ch 2- Cultural Change</li> </ul>
	OCTOBER	Ch 5- Change and Development in Industrial Society Ch 8- Social Movements
	<b>PREBOARD EXAMINATION</b> <b>27 OCT-08 NOV,23</b>	Complete Syllabus
<b>MATHEMATICS</b> <b>(041)</b>	APRIL	Ch 3-Matrices Ch 4-Determinants
	MAY	Ch 12- Linear Programming Ch 5-Continuity and Differentiability
	JUNE	Ch 5 Continued
	JULY	Ch 6- Application of Derivatives Ch 1-Relations and Functions Ch 2- Inverse Trigonometric Functions
	<b>ASSESSMENT –I</b> <b>10 JULY-22</b> <b>JULY,2023</b>	Ch – 3 , 4 , 5 , 6
	AUGUST	Ch 7-Integrals Ch 8-Applications of Integrals
	SEPTEMBER	Ch 9-Differential Equations
	<b>ASSESSMENT -II</b> <b>6 SEPT-20</b> <b>SEPT,2023</b>	Ch-1, 2, 3 , 4 , 5 , 6, 7 , 8 , 12
	OCTOBER	Ch 10-Vector Algebra Ch 11- Three Dimensional Geometry Ch 13-Probabilty
	<b>PREBOARD EXAMINATION</b> <b>27 OCT-08 NOV,23</b>	Ch-1, 2, 3 , 4 , 5 , 6, 7 , 8, 9, 10, 11, 12, 13

<b>APPLIED MATHEMATICS (241)</b>	APRIL	Matrices Determinants
	MAY	Numerical Inequalities Linear Programming
	JUNE	Differentiation
	JULY	Differentiation continued Application of Derivatives
	<b>ASSESSMENT –I 10 JULY-22 JULY,2023</b>	Matrices, Determinants, , Differentiation, Application of Derivatives
	AUGUST	Integrals Differential Equations Numbers, Quantification and Numerical Applications
	SEPTEMBER	Inferential Statistics
	<b>ASSESSMENT –II 6 SEPT-20 SEPT,2023</b>	Matrices, Determinants, Linear Programming, , Numerical inequalities, Differentiation Application of derivatives, Integrals, Differential Equations, Numbers, Quantification and Numerical application.
	OCTOBER	-Time based Data -Perpetuity, Sinking funds, EMI -Returns, Growth and Depreciation - Probability
	<b>PREBOARD EXAMINATION 27 OCT-08 NOV,23</b>	Matrices, Determinants, Linear Programming, , Numerical inequalities, Differentiation, Application of derivatives, Integrals, Differential Equations, Numbers, Quantification and Numerical application, Inferential Statistics, Time based Data, Perpetuity, Sinking Fund, EMI, Returns, Growth and Depreciation, Probability
<b>PHYSICS (042)</b>	APRIL	Unit I-Electrostatics
	MAY	Unit II Current Electricity
	JUNE	Unit II Current Electricity contd...
	JULY	Unit III: Magnetic effect of current and magnetism Unit IV: EMI and AC
	<b>ASSESSMENT –I 10 JULY-22 JULY,2023</b>	Unit I, II, III
	AUGUST	Unit V: Electromagnetic waves Unit VI:Optics (Ray optics and wave optics)
	SEPTEMBER	Unit VI: Optics (Wave optics)contd.. Unit VII: Dual nature of radiation and matter
	<b>ASSESSMENT -II 6 SEPT-20 SEPT,2023</b>	Unit I, II, III, IV, V, VI

	OCTOBER	Unit VIII-Atoms and Nuclei Unit IX-Semiconductor devices
	<b>PREBOARD EXAMINATION 27 OCT-08 NOV,23</b>	Unit I, II, III, IV, V, VI, VII, VIII, IX
<b>CHEMISTRY (043)</b>	APRIL	Unit I-Solutions Unit II-Electrochemistry
	MAY	Unit III Chemical Kinetics
	JUNE	Unit IV d -and f -Block Elements
	JULY	Unit IV d -and f -Block Elements(Continue ) Unit V- Coordination Compounds
	<b>ASSESSMENT -I 10 JULY-22 JULY,2023</b>	Unit I, II, III,
	AUGUST	Unit VI- Haloalkanes and Haloarenes Unit VII- Alcohols, Phenols and Ethers
	SEPTEMBER	Unit VIII- Aldehydes, Ketones and Carboxylic Acids
	<b>ASSESSMENT -II 6 SEPT-20 SEPT,2023</b>	Unit I, II, III, IV, V, VI, VII
	OCTOBER	Unit IX- Amines Unit X- Biomolecules
		<b>PREBOARD EXAMINATION 27 OCT-08 NOV,23</b>
<b>BIOLOGY (044)</b>	APRIL-MAY	Unit-VI Reproduction Chapter-1: Sexual Reproduction in Flowering Plants Chapter-2: Human Reproduction <i>Practical-</i> <ol style="list-style-type: none"> <li>1. Prepare a temporary mount to observe pollen germination</li> <li>2. Flowers adapted to pollination by different agencies (wind, insects, birds).</li> <li>3. Identification of stages of gamete development, i.e., T.S. of testis and T.S. of ovary through permanent slides (from grasshopper/mice).</li> <li>4. Meiosis in onion bud cell or grasshopper testis through permanent slides.</li> <li>5. T.S. of blastula through permanent slides (Mammalian).</li> </ol>
	JUNE-JULY	Chapter-3: Reproductive Health Unit-VII Genetics and Evolution Chapter-4: Principles of Inheritance and Variation Chapter-5: Molecular Basis of Inheritance <i>Practical-</i>

		<ol style="list-style-type: none"> <li>1. Mendelian inheritance using seeds of different colour/sizes of any plant.</li> <li>2. Prepared pedigree charts of any one of the genetic traits such as rolling of tongue, blood groups, ear lobes, widow's peak and colour blindness.</li> <li>3. Controlled pollination - emasculation, tagging and bagging.</li> </ol>
	<b>ASSESSMENT -I</b> <b>10 JULY-22</b> <b>JULY,2023</b>	<b>Ch 1, 2, 3</b>
	AUGUST	Chapter-6: Evolution Unit-IX Biotechnology and its Applications Chapter-9: Biotechnology - Principles and Processes Chapter-10: Biotechnology and its Applications <i>Practical-</i> <ol style="list-style-type: none"> <li>1. Prepare a temporary mount of onion root tip to study mitosis.</li> <li>2. Isolate DNA from available plant material</li> </ol>
	SEPTEMBER	Unit-VIII Biology and Human Welfare Chapter-7 : Human Health and Diseases Chapter-8 : Microbes in Human Welfare <i>Practical-</i> <ol style="list-style-type: none"> <li>1. Common disease-causing organisms like <i>Ascaris</i>, <i>Entamoeba</i>, <i>Plasmodium</i>, any fungus causing ringworm</li> </ol>
	<b>ASSESSMENT -II</b> <b>6 SEPT-20</b> <b>SEPT,2023</b>	<b>Chapter 1 to 6, 9 &amp; 10</b>
	OCTOBER	Unit-X Ecology and Environment Chapter-13: Organisms and Populations Chapter-14: Ecosystem <i>Practical-</i> <ol style="list-style-type: none"> <li>1. Study the plant population density by quadrat method.</li> <li>2. Study the plant population frequency by quadrat method.</li> </ol>
	<b>PREBOARD</b> <b>EXAMINATION</b> <b>27 OCT-08 NOV,23</b>	<b>Chapter – 1 to 14</b>
	NOVEMBER	Chapter-15: Biodiversity and Its Conservation
<b>BIOTECHNOLOGY (045)</b>	APRIL- MAY	<u><b>Text Book of Biotechnology - CBSE</b></u> <b>Unit-V Protein and Gene Manipulation</b> Chapter-1: Recombinant DNA Technology Introduction, Tool of Recombinant DNA technology, Making rDNA molecule, Introduction of recombinant DNA into host cells, Identification of recombinants, Polymerase Chain Reaction (PCR), DNA Sequencing <i>Practical:</i> <ol style="list-style-type: none"> <li>1. Use of special equipment in biotechnology</li> <li>2. Isolation of bacterial plasmid DNA</li> <li>3. Detection of DNA by gel electrophoresis</li> </ol>
	JUNE- JULY	<b>Unit-V Protein and Gene Manipulation</b> Chapter-2: Protein Structure and Engineering Introduction to the world of proteins, Structure-function Relationship in proteins, Characterization of proteins, Protein based products,

		Designing proteins (Protein Engineering)  <i>Practical 4. Isolation of bacteria from curd &amp; staining of bacteria</i> <i>5. Cell viability assay using Evan's blue dye exclusion method</i>
	<b>ASSESSMENT -I</b> <b>10 JULY-22</b> <b>JULY,2023</b>	<b>Unit –V Chapter -1</b>
	AUGUST	<b>Unit-VI Cell Culture and Genetic Manipulation</b> Chapter-1: Microbial Cell Culture and its Applications Introduction, Microbial nutrition and culture techniques, Measurement and kinetics of microbial growth, Isolation of microbial products, Strain isolation and improvement, Applications of microbial culture technology Ch 2. Plant Cell Culture & Its application- Introduction, Cell and tissue culture techniques
	SEPTEMBER	<b>Unit VI: Cell culture &amp; Genetic Manipulation</b> Ch 2. Plant Cell Culture & Its application- Applications of cell and tissue culture, Transgenic plants with beneficial traits, Biosafety of transgenic plants
	<b>ASSESSMENT -II</b> <b>6 SEPT-20</b> <b>SEPT,2023</b>	Unit – V : Chapter -1 & 2 Unit –VI : Chapter -1
	OCTOBER	<b>Unit V: Protein and Gene Manipulation</b> Ch.3 Genomics of Bioinformatics  <i>Practical 6. Data Retrieval and data base search using NCBI and download a DNA &amp; protein sequence from internet. Analyze and comment on it</i>  <i>Practical 7. Reading of a sequence of autoradiograph and arrive at the sequence</i>
	<b>PREBOARD EXAMINATION</b> <b>27 OCT-08 NOV,23</b>	<b>Unit-V : Chapter 1,2 &amp; 3</b> <b>Unit- VI : Chapter 1 &amp; 2</b>
	NOVEMBER	<b>Unit VI: Cell culture &amp; Genetic Manipulation</b> Ch 3- Animal cell culture and its application
<b>PHYSICAL EDUCATION (048)</b>	APRIL	1.MANAGEMENT OF SPORTING EVENTS
	MAY	2.CHILDREN & WOMEN IN SPORTS
	JUNE- JULY	3.YOGA AS PREVENTIVE MEASURE FOR LIFESTYLE DISEASE 4.PHYSICAL EDUCATION & SPORTS FOR (CWSN)
	<b>ASSESSMENT -I</b> <b>10 JULY-22</b> <b>JULY,2023</b>	Chapter 1 and 2
	AUGUST	5.SPORTS & NUTRITION 6. TEST & MEASUREMENT IN SPORTS
	SEPTEMBER	7.PHYSIOLOGY & INJURY IN SPORTS

	<b>ASSESSMENT -II</b> <b>6 SEPT-20</b> <b>SEPT,2023</b>	Chapter 3, 4, 5, 6 and 7
	OCTOBER	8.BIOMECHANICS & SPORTS 9.PSYCHOLOGY & SPORTS
	<b>PREBOARD</b> <b>EXAMINATION</b> <b>27 OCT-08 NOV,23</b>	Chapter 1 to 9
	NOVEMBER	10. TRAINING IN SPORTS
<b>PAINTING</b> <b>(049)</b>	APRIL	<b>Theory</b> : Introduction to miniature paintings, rajasthani school of miniature painting. <b>Practical</b> : Sketches, layouting for illustrations.
	MAY	<b>Theory</b> : Pahari school <b>Practical</b> : Sketches, layouting for illustrations.
	JUNE- JULY	<b>Theory</b> : Mughal School <b>Practical</b> : <b>StillLife</b> : Object settings with drapery <b>Composition</b> :Daily life, Games and Sports activity
	<b>ASSESSMENT -I</b> <b>10 JULY-22</b> <b>JULY,2023</b>	All portion completed till July
	AUGUST	<b>Theory</b> : Deccan School <b>Practical</b> : <b>Still Life</b> : Object settings with drapery <b>Composition</b> : Fantasy, Affairs of family and Friends.
	SEPTEMBER	<b>Theory</b> : Bengal School <b>Practical</b> : <b>Still Life</b> : Object settings with drapery <b>Composition</b> : Social and national events and celebrations <b>Theory</b> : Mughal School <b>Practical</b> : <b>Still Life</b> : Object settings with drapery <b>Composition</b> : Composition of your choice and cultural events and celebrations
	<b>6 ASSESSMENT -II</b> <b>SEPT-20 SEPT,2023</b>	All portion completed till September
	OCTOBER	<b>Theory</b> : Mughal School <b>Practical</b> : <b>Still Life</b> : Object settings with drapery <b>Composition</b> : Composition of your choice and cultural events and celebrations
	<b>PREBOARD</b> <b>EXAMINATION</b> <b>27 OCT-08 NOV,23</b>	Complete syllabus
	NOVEMBER	<b>Theory</b> : Modern trends in Indian Art <b>Practical</b> : <b>StillLife</b> : Object settings with drapery <b>Composition</b> : Professionals and professions
	DECEMBER	<b>Theory</b> : Revision and practice <b>Practical</b> : Revision and practice
	<b>COMMERCIAL</b> <b>ART (052)</b>	APRIL
MAY		<b>Theory</b> : Pahari school <b>Practical</b> : Sketches, layouting for illustrations.

	JUNE- JULY	<b>Theory:</b> Mughal School <b>Practical: Posters-</b> Tourism, Own choice – 2 ; <b>Illustrations</b> – Friends and family and daily life.
	<b>ASSESSMENT -I</b> <b>10 JULY-22</b> <b>JULY,2023</b>	All portion completed till July
	AUGUST	<b>Theory :</b> Deccan School <b>Practical: Posters-</b> Cultural activities; <b>Illustrations</b> – Professionals and Professions.
	SEPTEMBER	<b>Theory :</b> Bengal School <b>Practical: Posters-</b> Community Development and Commercial product; <b>Illustrations</b> – Games and sports, Nature
	<b>ASSESSMENT -II</b> <b>6 SEPT-20</b> <b>SEPT,2023</b>	All portion completed till September
	OCTOBER	<b>Theory :</b> Evolution of Indian national flag and freedom Struggle <b>Practical: Posters-</b> Idea: Social, national, international; <b>Illustrations</b> –National events and celebrations: Dance and drama culture
	<b>PREBOARD EXAMINATION</b> <b>27 OCT-08 NOV,23</b>	Complete syllabus
	NOVEMBER	<b>Theory :</b> Modern trends in Indian art <b>Practical:</b> Mounting and final touchups
	DECEMBER	<b>Theory :</b> Revision and practice <b>Practical:</b> Revision and practice
<b>BUSINESS STUDIES (054)</b>	APRIL	<b>Part A: PRINCIPLE AND FUNCTIONS OF MANAGEMENT.</b> 1. Nature and Significance of Management. 2. Principles of Management.
	MAY	3. Business Environment. <b>Project Work.</b>
	JUNE	4. Planning.
	<b>ASSESSMENT -I</b> <b>10 JULY-22</b> <b>JULY,2023</b>	<b>Chapter 1 and 2</b> 5.Organising
	AUGUST	6. Staffing 7.Directing
	SEPTEMBER	8. Controlling <b>Part B: BUSINESS FINANCE AND MARKETING</b> 12.Consumer Protection Act, 2019
	<b>ASSESSMENT -II</b> <b>6 SEPT-20</b> <b>SEPT,2023</b>	<b>Chapter 1 to 8 and 12</b>
	OCTOBER	<b>Part B:BUSINESS FINANCE AND MARKETING</b> 9.Financial Management. 10.Financial Markets.

	<b>PREBOARD EXAMINATION</b> 27 OCT-08 NOV,23	<b>Chapters 1 to 8 (Part A)</b> <b>Chapters 9,10 and 12 (Part B)</b>
	NOVEMBER	11. Marketing Management.
ACCOUNTANCY (055)	APRIL	<b>BOOK: Accounting For Partnership Firms</b> 1.Fundamentals . 2.Goodwill – Nature and Valuation. 3.Change in Profit Sharing Ratio. 4. Admission of a Partner
	MAY	Admission of a Partner contd...
	JUNE	5.Retirement of a Partner 6.Death of a Partner.
	JULY	7.Dissolution of Partnership Firm <b>BOOK: Analysis of Finanacial Statements</b> 1. Financial Statements of a Company. 2. Financial Statements Analysis. 3.Tools of Financial Analysis 4. Accounting Ratios
	<b>ASSESSMENT -I</b> <b>10 JULY-22</b> <b>JULY,2023</b>	<b>ASSESSMENT I- Chapter 1-4 (Partnership)</b>
	AUGUST	5.Cash Flow Statement <b>Project Work: Specific Project.</b> <b>Accounting For Companies.</b> 9.Issue of Shares.
	SEPTEMBER	Issue of shares (contd...)
	<b>ASSESSMENT -II</b> <b>6 SEPT-20</b> <b>SEPT,2023</b>	ASSESSMENT II- Complete Partnership and Analysis of Financial Statements.
	OCTOBER	10. Issue of Debentures.
		<b>PREBOARD EXAMINATION</b> 27 OCT-08 NOV,23
DANCE- BHARAT NATYAM (057)	APRIL-MAY	1. Brief history of Indian dance. 2.Life sketches – Rukmani Devi, T.Balasaraswati. 3.Asamyuta Hasta.
	JUNE-JULY	4.Technical Terms – Araimandi, Muzhumandi, Kuttanam
	<b>ASSESSMENT -I</b> <b>10 JULY-22</b> <b>JULY,2023</b>	All portion completed till July
	AUGUST- SEPTEMBER	1.Acquaintance with repertoire and definitions of musical terms used in dance. 2.Elaborate knowledge of Natyashastra. 3.Life sketches – MeenakshiSundaramPillai and Tanjore quartette. 4.South Indian Tala system. 5.Short note on Arangetram



	<b>ASSESSMENT -II 6 SEPT-20 SEPT,2023</b>	All portion completed till September.
	OCTOBER	1.Distinct aspects of Bharatnatyam – costume and jewellery, language and music style 2.Difference between Natya, Nritya, Nritya. 3.Difference between Tandav and Lasya. 4.Types of Abhinya. 5.Sanskrit shlokas from Abhinyadarpan.
	<b>PREBOARD EXAMINATION 27 OCT-08 NOV,23</b>	Complete syllabus
<b>HOME SCIENCE (064)</b>	APRIL	Ch-2 Clinical Nutrition and Dietetics Ch-3 Public Nutrition and Health
	MAY	Ch-5 Food processing and technology Ch-6 Food quality and food safety
	JUNE	Ch-1 Work, livelihood and career
	JULY	Ch-7 Early Childhood care and education Ch-10 Management of support services, Institutions and programmes for children, youth and elderly
	<b>ASSESSMENT -I 10 JULY-22 JULY,2023</b>	Chapter 2,3, 5 & 6
	AUGUST	Ch-17 Hospitality Management Ch-21 Development of communication and journalism
	SEPTEMBER	Ch-11 Design for fabric and apparel Ch-12 Fashion design and merchandising
	<b>ASSESSMENT -II 6 SEPT-20 SEPT,2023</b>	Chapter 2,3, 5, 6,17 & 21
	OCTOBER	Ch-15 Care and maintenance of fabrics in Institutions Ch-20 Consumer education and protection
	<b>PREBOARD EXAMINATION 27 OCT-08 NOV,23</b>	<b>Chapter 1,2 ,3,5,6,7,10,11,12,15,17,20 &amp;21</b>
<b>INFORMATICS PRACTICES (065)</b>	APRIL	Unit 2-Database Query using SQL Math functions Text functions Data functions
	MAY	Unit 2 continue Aggregate function Querying and manipulation data
	JUNE- JULY	Unit 4- Societal Impacts Unit 1-Data Handling using Pandas-I and Data Visualization Introduction Series Data frames Importing and Exporting
	<b>ASSESSMENT -I 10 JULY-22 JULY,2023</b>	<b>Unit 2- Database query using SQL Unit 4- Societal Impacts</b>

	AUGUST- SEPTEMBER	<b>Unit -1</b> Data Visualization Continue Purpose of plotting Customizing plots
	OCTOBER	<b>Unit 3-</b> Introduction to Computer Networks
	<b>ASSESSMENT -II</b> <b>6 SEPT-20</b> <b>SEPT,2023</b>	<b>Unit 1-</b> Data Handling using Pandas -I and Data Visualization <b>Unit 3-</b> Introduction to Computer Networks
	<b>PREBOARD</b> <b>EXAMINATION</b> <b>27 OCT-08 NOV,23</b>	<b>Unit 1</b> Data Handling using Pandas-I and Data Visualization <b>Unit 2</b> Database query using SQL <b>Unit 3</b> Introduction to Computer Networks <b>Unit 4</b> Societal Impacts
	NOVEMBER- DECEMBER	Project Submission
<b>ENTREPRENEURSH</b> <b>IP (066)</b>	APRIL	Unit 1 : Entrepreneurial Opportunity
	MAY	Unit 2 : Entrepreneurial Planning Project work: MARKET SURVEY
	JUNE	Unit 2 : Entrepreneur Planning (contd...)
	JULY	Unit 3: Enterprise Marketing.
	<b>ASSESSMENT -I</b> <b>10 JULY-22</b> <b>JULY,2023</b>	Unit 1 and Unit 2 (till Forms of Business Organisation)
	AUGUST	Unit 4: Enterprise Growth Strategies Project Work : Business Plan
	SEPTEMBER	Unit 4: Enterprise Growth Strategies contd....
	<b>ASSESSMENT -II</b> <b>6 SEPT-20</b> <b>SEPT,2023</b>	Unit 1 to 4
	OCTOBER	Unit 5 : Business Arithmetic. Project Work :Business Plan
	<b>PREBOARD</b> <b>EXAMINATION</b> <b>27 OCT-08 NOV,23</b>	Unit 1 to 5
	NOVEMBER-DEC	Unit 6 : Resource Mobilisation.
<b>COMPUTER</b> <b>SCIENCE (083)</b>	APRIL	Unit 2: Computer Networks
	MAY	Database Management
	JUNE- JULY	Unit 1: Python Revision Functions
	<b>ASSESSMENT -I</b> <b>10 JULY-22</b> <b>JULY,2023</b>	Ch 10,12,13, 14 and 15

	AUGUST	Unit 1: File Handling
	SEPTEMBER	Unit 1: File Handling Continue
	<b>ASSESSMENT -II</b> <b>6 SEPT-20</b> <b>SEPT,2023</b>	Ch 1 and11
	OCTOBER	Data Structures
	<b>PREBOARD</b> <b>EXAMINATION</b> <b>27 OCT-08 NOV,23</b>	Ch 2 to 9
	NOVEMBER	Project Submission

**PRINCIPAL**