



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

**SYLLABUS :ASSESSMENT-2(ONLINE)**

**CLASS – XII**

**SESSION -2021-2022**

S.NO.	SUBJECT	SYLLABUS	MARKS	EXAM DURATION
1	ENGLISH CORE	<p><b>Reading Comprehension:</b> (Two Passages) Unseen Passage (Factual, descriptive or literary/discursive or persuasive) Case Based Unseen (Factual) Passage</p> <p><b>Creative Writing Skills:</b> <b>Short Writing Tasks</b></p> <ul style="list-style-type: none"> <li>• Notice Writing</li> <li>• Classified Advertisements</li> </ul> <p><b>Long Writing Tasks (One)</b></p> <ul style="list-style-type: none"> <li>• Letter to an Editor</li> <li>• Article Writing</li> </ul> <p><b>Literature:</b> <b>Flamingo (Prose)</b></p> <ul style="list-style-type: none"> <li>• The Last Lesson</li> <li>• Lost Spring</li> <li>• Deep Water</li> </ul> <p><b>Book-Flamingo (Poetry)</b></p> <ul style="list-style-type: none"> <li>• My Mother at Sixty-Six</li> <li>• An Elementary School Classroom in a Slum</li> <li>• Keeping Quiet</li> </ul> <p><b>Book-Vistas</b></p> <ul style="list-style-type: none"> <li>• The Third Level</li> <li>• The Enemy</li> </ul>	40	90 minutes
2	हिंदी -कोर	<ol style="list-style-type: none"> <li>1.भक्तिन</li> <li>2.बाज़ार दर्शन</li> <li>3. काले मेघा पानी दे</li> <li>4.कविता के बहाने</li> <li>5.कैमरे में बंद आदम</li> <li>6.सहर्ष स्वीकारा है</li> <li>7.एक गीत</li> <li>8.सिल्वर वैडिंग</li> <li>9.जूझ</li> <li>10.विभिन्न माध्यमों के लिये लेखन</li> <li>11.पत्रकारीय लेखन के विभिन्न रूप और</li> </ol>	40	90 मिनट

		लेखन प्रक्रिया 12.अपठित गद्यांश 13.अपठित पद्यांश		
3	संस्कृत	1. " अनुशासनम्, मातुराज्ञा गरीयसी , प्रजानुरञ्जको नृपः , दैवारिकस्य निष्ठा " पाठेषु आधारिताः व्याकरणिकप्रश्नाः  2. साहित्य-परिचयः - महाकाव्यम् , गद्यकाव्यम् , चम्पूकाव्यम्, नाट्यसाहित्य	40	90 क्षणाः
4	PHYSICS	Unit–I Electrostatics Chapter–1: Electric Charges and Fields Chapter–2: Electrostatic Potential and Capacitance Unit-II Current Electricity Chapter–3: Current Electricity Unit-III Magnetic Effects of Current and Magnetism Chapter–4: Moving Charges and Magnetism Chapter–5: Magnetism and Matter Unit-IV Electromagnetic Induction and Alternating Currents Chapter–6: Electromagnetic Induction Chapter 7: Alternating currents	35	90 minutes
5	CHEMISTRY	Unit1 Solid State Unit 2 Solutions Unit 7 p -Block Elements Unit 10 Haloalkanes and Haloarenes Unit-11 Alcohols, Phenols and Ethers	35	90 minutes
6	BIOLOGY	UNIT VI REPRODUCTION Chapter 1 : Reproduction in Organisms Chapter 2 : Sexual Reproduction in Flowering Plants Chapter 3 : Human Reproduction Chapter 4 : Reproductive Health UNIT VII GENETICS AND EVOLUTION Chapter 5 : Principles of Inheritance and Variation Chapter 6 : Molecular Basis of Inheritance(Till DNA Replication)	35	90 minutes

7	BIOTECHNOLOGY	Unit-V Protein and Gene Manipulation Chapter-1: Recombinant DNA Technology Chapter-2: Protein Structure and Engineering Chapter-3: Genomics, Proteomics and Bioinformatics	35	90 minutes
8	HOME SCIENCE	Chapter-1 Work, livelihood and career Chapter-2 Clinical nutrition and dietetics Chapter-3 Public nutrition and health Chapter-5 Food Processing and Technology Chapter-6 Food quality and Food safety Chapter-7 Early childhood care and education Chapter-10 Management of support services, institutions and programmes for children, youth and elderly	35	90 minutes
9	GEOGRAPHY	Book Fundamentals of Human Geography, Chapter 1. Human Geography Nature and Scope, Chapter 2 The World Population- Distribution, density and growth Chapter 3. Population Composition Chapter 4 Human Development Chapter 5 Primary Activities. Book India People and Economy Chapter 1 Population: Distribution, Density, Growth and Composition Chapter 2 Migration: Types causes and Consequences. Chapter 4 Human Settlements Chapter 6-Water Resources	40	90 minutes
10	SOCIOLOGY	Chapter 2- The Demographic structure of Indian society, Chapter 3- Social Institutions: continuity and change, Chapter 5- Patterns of Social Inequality and Exclusion, Chapter 6- The challenges of cultural diversity	40	90 minutes
11	POLITICAL SCIENCE	Part A: Contemporary World Politics 1. Cold War Era and Non-aligned Movement 2. The End of Bipolarity 3. United Nations and its Organizations Part B: Politics in India Since Independence 4. Challenges of Nation-Building	40	90 minutes

		5. Planning and Development 6. India's Foreign Policy		
12	PSYCHOLOGY	Ch 1 Variations in Psychological attributes, Chapter 2 Self and Personality, Chapter 3 Meeting life challenges	40	90 minutes
13	HISTORY	Theme 1- Bricks, beads and bones Theme 2- Kings, farmers and towns Theme 3- Kinshio, Caste and class Theme 4- Thinkers, Beliefs and Buildings Theme 6- Bhakti- Sufi Traditions Theme 7- An imperial Capital	40	90 minutes
14	MATHEMATICS	1. Relations and Functions 2. Inverse Trigonometric functions 3. Matrices 4. Determinants 5. Continuity and Differentiability 6. Application of Derivatives Linear Programming	40	90 minutes
15	APPLIED MATH	1. Numbers, Quantification and Numerical Applications 2. Algebra 3. Calculus <ul style="list-style-type: none"> <li>• Differentiation</li> <li>• Applications of derivatives <ul style="list-style-type: none"> <li>○ Tangents and normals</li> <li>○ Increasing /decreasing functions</li> <li>○ Maxima and minima</li> <li>○ Marginal cost and marginal revenue using derivatives</li> </ul> </li> </ul> 4. Probability	40	90 minutes
	MUSIC (VOCAL)	1. Brief study of khatka and murki. 2. Brief history of the following: graam and murchhna. 3. Detailed study of the following: Sangeet ratnakar and sangeet pariyaat. 4. Life sketch and contribution of	15	60 minutes

		<p>Bade Ghulam Ali Khan and Abdul Karim Khan</p> <p>5. Raag Description: Raag Maalkauns and Raag Baageshri Description of prescribed taals along with taal notation: jhaptaal and rupak. (thah, dugun, tigan, chaugun).</p>		
16	DANCE KATHAK (THEORY)	<p>1. A brief history of other classical dance styles of India.</p> <p>2. Basic understanding of the term Abhinaya and definition of its four aspects: angika, vachika, aharya, satvika.</p> <p>3. Knowledge of the following terms: (short note) sangeet, tal, laya, angahara, bhramari, lokadharmi, natyadharmi, rasa and bhava.</p> <p>4. Knowledge of the technical terminology of the dance form. a) Definition of the following: i) Vandana ii) Tihaayi iii) Aamad iv) Toda/Tukraa v) Paran vi) Chakardar Toda /Tukraa and Paran b) Knowledge of Theka of Dadra, Kaharwa, Roopak.</p>	15	60 minutes
17	DANCE (BHARATNATYAM)	<p>1. Acquaintance with the contents of Abhinaya Darpan</p> <p>2. Nritya , Nritya , Natya</p> <p>3. Tala , Laya and Rasa</p>	15	60 minutes
18	ECONOMICS	<p>Part -A Introductory Macro Economics</p> <p>Unit-2 Money &amp; Banking</p> <p>Unit -4 Government Budget &amp; the Economy</p> <p>Unit -5 Balance of Payments</p> <p>Part -B Indian Economic Development</p> <p>Unit -6 Development Experience (1947-90)</p> <p>Economic Reforms since 1991</p> <p># Indian Economy on the eve of Independence</p> <p># Indian Economy (1950-90)</p> <p># Liberalisation, Privatisation &amp; Globalisation</p> <p>Unit-7 Current Challenges facing Indian Economy</p> <p># Poverty</p>	35	90 minutes

20	ACCOUNTANCY	Unit 1 : Fundamentals Of Prtnership Unit 2 : Change In Profit Sharing Ratio Unit 3 : Admission Of Partner Unit 4 : Issue Of Shares	40	90 minutes
21	BUSINESS STUDIES	UNIT 1: Nature & Purpose of Mgt UNIT 2: Principles of Mgt. UNIT 3: Business Environment UNIT 4: Planning UNIT 5: Organising UNIT 6: Staffing UNIT 7: Directing	40	90 minutes
22	ENTREPRENEURSHIP	UNIT 1: Entrepreneurial Opportunity UNIT 2: Entrepreneurial Planning UNIT 3: Enterprise Marketing UNIT 6: Resource Mobilisation	40	90 Minutes
23	PAINTING AND COMMERCIAL ARTS	1.Rajsthani school of Miniature Paintings 2. Pahari school of Miniature Paintings 3.Deccan school of miniature paintings 4.Mughal School of Miniature Paintings	15	60 minutes
24	INFORMATICS PRACTICES	Unit 1: Data Handling using Pandas and Data Visualization Unit 4: Societal Impacts	35	90 minutes
25	COMPUTER SCIENCE	Unit 1 Computational thinking and programming -2	35	90 minutes
26	PHYSICAL EDUCATION	Unit-1. Planning in sports Unit-2. Sports and nutrition Unit-5. Children and Women in Sports Unit-6.Test and Measurement in Sports Unit-8. Biomechanics and Sports	35	90 minutes