



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

**SYLLABUS :TERM - 2**  
**CLASS – XI**  
**SESSION -2021-2022**


S.NO.	SUBJECT	SYLLABUS	MARKS	EXAM DURATION
1	ENGLISH	<p><b>Reading Comprehension:</b></p> <ul style="list-style-type: none"> <li>• Unseen passage (factual, descriptive or literary /discursive or persuasive)</li> <li>• Unseen passage for Note Making and Summarising</li> </ul> <p><b>Creative Writing Skills and Grammar:</b></p> <p><b>Short Writing Tasks</b></p> <ul style="list-style-type: none"> <li>• Posters</li> </ul> <p><b>Long Writing Tasks</b></p> <ul style="list-style-type: none"> <li>• Official Letters: e.g. to school/college authorities (regarding admissions, school issues, requirements / suitability of courses)</li> <li>• Debate</li> <li>Grammar • Determiners</li> <li>• Tenses • Re-ordering of Sentences {MCQs on Gap filling/ Transformation of Sentences }</li> </ul> <p><b>Literature:</b> Questions based on extracts/texts to assess comprehension and appreciation, analysis, inference, extrapolation Hornbill:</p> <ul style="list-style-type: none"> <li>• The Voice of the Rain (Poem)</li> <li>• The Ailing Planet: The Green Movement's Role (Prose)</li> <li>• The Browning Version( Play)</li> <li>• Childhood (Poem)</li> <li>•Silk Road (Prose)</li> </ul> <p>Snapshots: • Albert Einstein at School (Prose)</p> <ul style="list-style-type: none"> <li>• Mother's Day (Play)</li> <li>• Birth ( Prose)</li> </ul>	40	2 HRS
2	हिंदी	घर की याद, गज़ल, आओ मिलकर बचाएं , जामुन का पेड़, आलो आँधारी , राजस्थान की रजत बूंदें , स्पीति में बारिश, भारत माता , अभिव्यक्ति और माध्यम (व्यावहारिक लेखन , जनसंचार माध्यम और पत्रकारिता के विविध आयाम, पत्र-लेखन	40	2 hrs

		,रचनात्मक लेखन,स्ववृत्त लेखन,कार्यालयी लेखन )		
3	संस्कृत	अपठित गद्यांश , पत्रम् , लघुकथा /वार्तालापे एकपक्षपूर्णम् , संस्कृतभाषायां अनुवादः , पाठसंख्या - 3,8,9,10	40	2 hrs
4	MATH CORE	. 1.Trigonometric functions 2 Linear Inequalities 3.Permutations and Combinations 4. Conic Sections 5.Introductions to Three Dimensional Geometry 6. Derivatives 7. Probability	40	2 hrs
5	MATH APPLIED	1. Pemutations and Combinations 2. Straight Lines 3. Circle 4. Parabola 5. Limits 6. Probability 7. Derivatives of Algebraic Expressions 8. Simple and Compound Interest 9. Annuity 10. Taxation	40	2 hrs
6	GEOGRAPHY	Book-Fundamentals of Physical Geography Book-India Physical Environmen CH 8.Composition and Structure of Atmosphere Ch 9 Insolation ,Terrestrial Radiation ,Sustainable Development. Ch 11Water in the Atmosphere Ch 14.Movements of Ocean Water,Ch 16 Biodiversity and Conservation. Maps-States and Capitals,International Airports ,National Parks of India,Types of Natural Vegetation  Book-India Physical Environmen Ch 4 Climate Ch 5 Natural Vegetation Ch 6 Soils	40	2 hrs
7	SOCIOLOGY	<b>Book-2 Understanding Sociology</b> Chapter-2 Social Change and Social Order in Rural and Urban Society, Chapter-4 Introducing Western Sociologists, Chapter-5 Indian Sociologists Total-3 Chapters	40	2 hrs

8	POLITICAL SCIENCE	Part A: Indian Constitution at Work 7.Legislature 8.Executive 9.Judiciary -- Uploaded Additional Study Materials Part B: Political Theory 10. Liberty 11. Equality 12. Justice --Uploaded Additional Study Materials	40	2 hrs
9	PSYCHOLOGY	Chapter 4 Human Development, Chapter 5 Sensory, Attentional and Perceptual Processes, Chapter 6 Learning, Chapter -7 Human Memory	40	2 hrs
10	HISTORY	ch 7- changing cultural traditions Ch 9- The Industrial revolution Ch 10- Displacing Indegenous Peoples Ch 11- Paths to Modernisation	40	2 hrs
11	PHYSICS	Unit–VII Properties of Bulk Matter Chapter–9: Mechanical Properties of Solids Chapter–10: Mechanical Properties of Fluids Chapter–11: Thermal Properties of Matter Unit–VIII Thermodynamics Chapter–12: Thermodynamics Unit–IX Behaviour of Perfect Gases and Kinetic Theory of Gases Chapter–13: Kinetic Theory Unit–X Oscillations and Waves Chapter–14: Oscillations Chapter–15: Waves	35	2 hrs
12	CHEMISTRY	Unit 5: States of Matter Unit 6: Thermodynamics Unit 7: Equilibrium Unit 10: s- Block Elements Unit 11: p- Block Elements Unit 13: HYDROCARBONS	35	2 hrs
13	BIOLOGY	Chapter-7: Structural Organization in Animals Chapter-13: Photosynthesis in Higher Plants Chapter-14: Respiration in Plants Chapter- 15: Plant - Growth and Development Chapter-17: Breathing and Exchange of Gases Chapter-18: Body Fluids and Circulation Chapter-19: Excretory Products and their Elimination Chapter-20: Locomotion and Movement Chapter-21: Neural Control and Coordination	35	2 hrs

		Chapter-22: Chemical Coordination and Integration		
14	BIOTECHNOLOGY	Unit-III Genetics and Molecular Biology Chapter 2: Genes and Genomes: Structure and Function Unit IV: Cells and Organisms Chapter 1: The Basic Unit of Life Chapter 2: Cell Growth and Development	35	2 hrs
15	HOMESCIENCE	Unit-III Childhood Chapter 11- Survival, Growth and Development Chapter 12- Nutrition, Health and Well-being Chapter 14- Our Apparel Unit- IV Adulthood Chapter 15- Health and Wellness Chapter 16- Financial Management and Planning Chapter 17- Care and Maintenance of Fabrics	35	2 hrs
16	INFORMATION TECHNOLOGY	mysql • Text functions: UCASE ()/UPPER (), LCASE ()/LOWER (), MID ()/SUBSTRING ()/SUBSTR • Date Functions: NOW (), DATE (), MONTH (), MONTHNAME (), YEAR (), DAY (), DAYNAME (). Aggregate FUNCTIONS USING COUNT (*). Functions: MAX (), MIN (), AVG (), SUM (), COUNT () <b>Introduction to networks, Types of network: LAN, MAN, WAN. •</b> Network Devices: modem, hub, switch, repeater, router, gateway. • Network Topologies: Star, Bus, Tree, Mesh		
17	BUSINESS STUDIES	Ch-2 Forms of Business Organisation Ch-5 Emerging modes of business Ch-8 Sources of business Finance Ch-9 Internal Trade Ch-10 International Business	40	2 hrs
18	ENTREPRENEURSHIP	Unit 5: Understanding the Market Unit 6: Business Finance and Arithmetic Unit 7: Resource Mobilization		
19	ACCOUNTANCY	1. Provision & Reserves 2. Accounting For Bills Of Exchange 3. Rectification Of Errors 4 Financially Statement Of Sole Proprietorship 5 Adjustments In Preparation Of Financial Statement 6 Accounts For Incomplete Records	40	2hrs

20	ECONOMICS	<p>Part -1 Introductory Micro Economics 1. Concepts of Production. 2. Concepts of costs 3. Concepts of Revenue (Revenue curves under Perfect market competition) 4.Theory of Supply. Unit -4 Forms of market 5.Perfect Market Competition- Features and implications. 6 Market Equilibrium under perfect competition. Impact on equilibrium price &amp; quantity. Price Ceiling, Support price simple applications of demand and supply.</p> <p>Statistics</p> <p>1. Measures of Dispersion -Standard Deviation , Coefficient of Standard Deviation, Coefficient of Variation and Variance by step deviation method. 2.Correlation- Definition,Forms of correlation. Calculation of Correlation by Karl Pearson's Method- Assumed Mean Method -Shortcut &amp; Step deviation. 3.Index Numbers Definition,WPI,CPI, Family Budget Calculation of index numbers by Weighted Aggregative method by Laspeyre's &amp; Paasche's</p>	40	2 hrs
21	PHYSICAL EDUCATION	<p>Unit-4. Physical Education and Sports for CWSN Unit-5.Yoga Unit-8. Fundamentals of Anatomy, Physiology and kinesiology in Sports Unit-9.Psychology and Sports Unit-10. Training and Doping in Sports</p>	35	2 hrs
22	HINDUSTANI INSTRUMENTAL MUSIC MELODY	<p>1. Brief study of the following: thaat,jati, laya,tala,margi,desi</p> <p>2. Brief study of the following: dhrupad,raga</p> <p>3.Life sketch and contribution of tansen,V.N Bhatkhande and V.D Pulaskar</p>	15	1hr

		<p>4. Tuning of the instrument opted for</p> <p>5. Critical study and writing in notation the composition of prescribed raga along with</p> <p>Discrimination of chautala with tala notation in Thah ,Tigun and chaugun</p> <p style="text-align: center;"><b>PRACTICAL</b> (Term-2)</p> <p>1. Ability to do Alap,Jor,Jhala, with meend in any one of the prescribed ragas : Bi</p> <p>2. One razzakhani gat with alap.todas and Jhala in the following raaga: Bhimpalasi</p> <p>3. Ability to identify the ragas from the phases of swaras sung or played by the ex</p> <p>4. Reciting the Theka of prescribed tala with hand beats in Thah,Dugun and chaug</p> <p>5. Knowledge of the structure of instrument opted for.</p> 		
23	BHARATNATYAM	<p>1. A history of Bharatanatyam: Mythological reference from the Natyotpatti in the Abhinaya Darpanam, evolution of the different schools of Bharatanatyam - Tanjavur, Pandanallur and Vazhuvur, contribution of the Tanjore quartet and the present repertoire structure of the dance form.</p> <p>2. Acquaintance with its repertoire and literary contents: definition of the musical terms used in dance: Shabdham, Varnam, Keertanam, Padam, Ashtapadi, Javali and Thillana.</p> <p>3. Distinctive aspects of Bharatanatyam: Costume and jewelry, Language and music style, technical aspects of performance, basic posture</p> <p>*Topics:*</p> <ul style="list-style-type: none"> <li>-Origin of dance</li> <li>- Talam</li> <li>- Basic Postures</li> <li>- Margam</li> <li>- Hastabhinaya</li> <li>- Mukhyabhinaya</li> </ul>		
24	VOCAL MUSIC	<p>Definition:</p> <p>Swar</p> <p>Saptak</p> <p>Jati</p> <p>Laya</p> <p>Taal</p> <p>Brief history:</p>	15	1hr

		<p>Margi-desi  Nibadha-Anibadha gaan  Raag  Swarmalika  Lakshan geet  Tarana</p> <p>Brief study:  Gharana</p> <p>Life sketch:  B.D Paluskar</p> <p>Taal description (with dugun):  Ektaal  Chotaal</p> <p>Raag description with dhrupad and chhota khyaal:  Raag Bhimpalasi  Raag Jaunpuri</p>		
25	PAINTING AND COMMERCIAL ART	<p>THEORY –  UNIT 3 TEMPLE SCULPTURE, BRONZES  AND ASPECTS OF INDO ISLAMIC  ARCHITECTURE  PRACTICAL –NATURE STUDY</p>	<p>Theory 15  Practical  35</p>	<p>Practical 3 hr  Theory 1 hr</p>

**PRINCIPAL**