



## **GIRLS' HIGH SCHOOL & COLLEGE, PRAYAGRAJ**

### **CLASS - TWELVE SYLLABUS BREAK-UP**

**APRIL 2022 TO MARCH 2023**

Subjects	HALF YEARLY	PRELIMS
<b>English Language</b>	<ol style="list-style-type: none"> <li>Composition</li> <li> <ol style="list-style-type: none"> <li>Directed Report</li> <li>Proposal Writing</li> </ol> </li> <li>Grammar               <ol style="list-style-type: none"> <li>Transformation of Sentences</li> <li>Preposition</li> <li>Tenses</li> </ol> </li> <li>Comprehension</li> <li>Project               <ol style="list-style-type: none"> <li>Oral, Aural</li> <li>One Written Assignment (1000 to 1500 words)</li> </ol> </li> </ol>	<ol style="list-style-type: none"> <li>Composition</li> <li> <ol style="list-style-type: none"> <li>Directed Reports</li> <li>Proposal Writing</li> </ol> </li> <li>Grammar               <ol style="list-style-type: none"> <li>Transformation of Sentences</li> <li>Prepositions</li> <li>Tenses</li> </ol> </li> <li>Comprehension</li> <li>Project               <ol style="list-style-type: none"> <li>Oral, Aural</li> </ol> </li> </ol> <p>NOTE: The entire syllabus of class 11 &amp; 12 is included</p>
<b>English Literature</b>	<ol style="list-style-type: none"> <li>THE TEMPEST - ACT IV, SC. I</li> <li>ECHOES: A COLLECTION OF ISC SHORT STORIES               <ol style="list-style-type: none"> <li>To Build a Fire</li> <li>The Story of an Hour</li> <li>The Singing Lesson</li> </ol> </li> <li>REVERIE: A COLLECTION OF ISC POEMS               <ol style="list-style-type: none"> <li>The Darkling Thrush</li> <li>Birches</li> <li>Crossing the Bar</li> </ol> </li> <li>PROJECT:               <ol style="list-style-type: none"> <li>One Written Assignment (1000 to 1500 words)</li> </ol> </li> </ol>	<p>THE TEMPEST - Act V, SC I</p> <p>ECHOES:</p> <ol style="list-style-type: none"> <li>The Sound Machine</li> <li>B. Wordsworth</li> </ol> <p>REVERIE:</p> <ol style="list-style-type: none"> <li>Dover Beach</li> <li>We are the Music Makers</li> </ol> <p>NOTE: THE ENTIRE SYLLABUS OF 11 &amp; 12 IS INCLUDED</p>
<b>Hindi</b>	<ol style="list-style-type: none"> <li>खण्ड 'क' व्याकरण               <ol style="list-style-type: none"> <li>निबन्ध व कहानी लेखन</li> <li>अपठित गद्यांश</li> <li>(a) वाक्य-शुद्धीकरण (b) मुहावरे – लोकोक्तियाँ</li> </ol> <p>खण्ड 'ख' साहित्य</p> </li> <li>गद्य संकलन               <ol style="list-style-type: none"> <li>क्या निराश हुआ जाए? हजारी प्रसाद द्विवेदी</li> <li>भक्तिन – महादेवी वर्मा</li> <li>संस्कृति क्या है? (निबन्ध)–रामधारी सिंह 'दिनकर'</li> </ol> </li> <li>काव्य मंजरी               <ol style="list-style-type: none"> <li>जाग तुझको दूर जाना है – महादेवी वर्मा</li> <li>उद्यमी नर – रामधारी सिंह 'दिनकर'</li> <li>बादल को धिरते देखा है – नागार्जुन</li> <li>आषाढ़ का एक दिन (नाटक) तृतीय अंक – मोहन राकेश</li> </ol> </li> </ol>	<ol style="list-style-type: none"> <li>खण्ड 'क' व्याकरण               <ol style="list-style-type: none"> <li>निबन्ध व कहानी लेखन</li> <li>अपठित गद्यांश</li> <li>(a) वाक्य-शुद्धीकरण (b) मुहावरे – लोकोक्तियाँ</li> </ol> <p>खण्ड 'ख' साहित्य</p> </li> <li>गद्य संकलन               <ol style="list-style-type: none"> <li>मजबूरी – मन्नू भंडारी</li> <li>काव्य मंजरी                   <ol style="list-style-type: none"> <li>अँधेरे का दीपक – हरिवंश राय 'बच्चन'</li> </ol> </li> <li>आषाढ़ का एक दिन – मोहन राकेश</li> </ol> </li> </ol> <p>नोट – अर्द्धवार्षिक एवं वार्षिक परीक्षा में गद्य, पद्य, नाटक एवं व्याकरण में पढ़ाए गए सभी पाठ एवं उनके अंश सम्मिलित हैं।</p>
<b>Mathematics</b>	<p style="text-align: center;"><u>Section-A</u></p> <ol style="list-style-type: none"> <li>Relation and Functions</li> <li>Inverse Trigonometric Function</li> <li>Matrices</li> <li>Determinants</li> <li>Continuity and Differentiability</li> <li>Application of Derivatives</li> </ol> <p style="text-align: center;"><u>Section-B</u></p> <ol style="list-style-type: none"> <li>Vectors</li> <li>Three- dimensional Geometry-Lines</li> </ol> <p style="text-align: center;"><u>Section-C</u></p> <ol style="list-style-type: none"> <li>Application of Calculus</li> </ol>	<p style="text-align: center;"><u>Section-A</u></p> <ol style="list-style-type: none"> <li>Integrals</li> <li>Differential Equations</li> <li>Probability</li> </ol> <p style="text-align: center;"><u>Section-B</u></p> <ol style="list-style-type: none"> <li>Three dimensional Geometry - Planes</li> <li>Application of Integrals</li> </ol> <p style="text-align: center;"><u>Section-C</u></p> <ol style="list-style-type: none"> <li>Linear Regression</li> <li>Linear Programming</li> </ol> <p>NOTE: Half yearly syllabus also included</p>

<b>Physics</b>	<p align="center"><b>(Units included)</b></p> <ol style="list-style-type: none"> <li>Electrostatics</li> <li>Current Electricity</li> <li>Magnetic Effects of Current &amp; Magnetism</li> <li>Electromagnetic Induction &amp; Alternating Currents</li> <li>Electromagnetic waves + Practicals based on optics &amp; Electricity</li> </ol>	<p align="center"><b>(Units included)</b></p> <ol style="list-style-type: none"> <li>Ray optics</li> <li>Wave optics</li> <li>Dual nature of Radiation and Matter</li> <li>Atoms &amp; nuclei</li> <li>Electronic Devices</li> <li>Communication Systems + Practicals based on optics &amp; Electricity</li> </ol>
<b>Chemistry</b>	<ol style="list-style-type: none"> <li>Solid State</li> <li>Solutions</li> <li>Electrochemistry</li> <li>General principles &amp; processes of isolation of elements</li> <li>p - Block elements</li> <li>Haloalkanes and Haloarenes</li> <li>Alcohols, Phenols and ethers</li> <li>Aldehydes, Ketones and carboxylic acids</li> <li>Chemistry in everyday life</li> </ol>	<ol style="list-style-type: none"> <li>Chemical kinetics</li> <li>Surface Chemistry</li> <li>d and f block elements</li> <li>Coordination compounds</li> <li>Organic compounds containing nitrogen</li> <li>Biomolecules</li> </ol>
<b>Biology</b>	<ol style="list-style-type: none"> <li>Reproduction in Organisms</li> <li>Sexual reproduction in flowering plants</li> <li>Human Reproduction</li> <li>Reproductive Health</li> <li>Principles of Inheritance and Variation</li> <li>Molecular Basis of Inheritance</li> <li>Evolution</li> <li>Microbes in Human Welfare</li> </ol>	<ol style="list-style-type: none"> <li>Human Health and Diseases</li> <li>Strategies for Enhancement in Food Production</li> <li>Biotechnology - Principles and processes</li> <li>Biotechnology and its application</li> <li>Organisms and Population</li> <li>Ecosystem</li> <li>Biodiversity and its Conservation</li> <li>Environmental Issues</li> </ol>
<b>Accountancy</b>	<ol style="list-style-type: none"> <li>Partnership Accounts -Fundamentals</li> <li>Good will</li> <li>Admission of a New Partner</li> <li>Retirement and Death of a Partner</li> <li>Dissolution of Partnership Firm</li> <li>Joint stock company-Issue of Shares</li> <li>Final Accounts of Companies</li> <li>Financial statement Analysis</li> <li>Ratio Analysis</li> </ol>	<p><b>Prelims (Including Half Yearly)</b></p> <ol style="list-style-type: none"> <li>Issue of Debentures</li> <li>Redemption of Debentures</li> <li>Cash Flow Statement</li> </ol>
<b>Economics</b>	<ol style="list-style-type: none"> <li>Demand &amp; Law of Demand</li> <li>Theory of Consumer Behaviour-MU &amp; Indifference curve Analysis</li> <li>Elasticity of Demand</li> <li>Supply- Law of Supply and Price Elasticity of supply</li> <li>Market Mechanism</li> <li>Law of Returns - Returns to a factor and Returns to scale</li> <li>Cost and Revenue Analysis</li> <li>Forms of Market</li> <li>Producers Equilibrium</li> <li>Determination of Equilibrium Price &amp; output under perfect competition</li> <li>Theory of Income &amp; Employment</li> <li>Money - Meaning and Functions</li> <li>Banks - Commercial Banks and Central Bank</li> <li>Fiscal Policy</li> <li>Government Budget</li> </ol>	<ol style="list-style-type: none"> <li>Balance of Payments and Exchange Rate</li> <li>National Income and Circular Flow of Income</li> <li>National Income Aggregates</li> <li>Methods of measuring National Income</li> </ol> <p><b>NOTE: Entire ISC syllabus including half yearly chapters to be included</b></p>
<b>Commerce</b>	<ol style="list-style-type: none"> <li>L-1. Business Environment</li> <li>L-2. Capital - Fixed and Working</li> <li>L-3. Sources of Finance for a Joint Stock Company</li> <li>L-4. Banking - Latest Trends</li> <li>L-5. Management - Meaning, Nature and Importance</li> <li>L-6. Principles of Management</li> <li>L-7. Functions of Management and Coordination</li> <li>L-8. Planning</li> </ol> <p>Project Work</p>	<ol style="list-style-type: none"> <li>L-9. Organising</li> <li>L-10. Staffing</li> <li>L-11. Directing</li> <li>L-12. Controlling</li> <li>L-13. Marketing-Concept and Functions</li> <li>L-14. Marketing Mix</li> <li>L-15. Consumer Protection</li> </ol> <p>Project work Note: Half Yearly syllabus also included</p>

<b>Computer Science</b>	Ch 1: Boolean Algebra Ch 2: Computer Hardware Ch 3: Objects and Classes Ch 4: Java Revision Tour Ch 5: Primitive Values, Type Casting and Expressions Ch 6: Statements, Control Structures and Scope Ch 7: Functions / Methods Ch 8: Arrays and Strings Ch 9: Compiling and Running Java Programs Ch 10: Java Classes: An OOP Perspective	Ch 11: Recursion Ch 12: Concept of Inheritance Ch 13: Simple Data Structures Ch 14: Recursive Data Structures Ch 15: Computational Complexity  NOTE- Half Yearly Syllabus also included
<b>History</b>	1. Towards Independence and Partition. The last Phase (1935-1947) 2. Establishment and Development of Indian Democracy 3. Challenges to Indian Democracy 4. World War II 5. Decolonisation in Asia 6. Cold War	Prelims 1. Changing face of Indian Democracy (1977-1986) 2. India's Foreign Policy 3. Movement for Women's Right 4. Pretest Movements 5. Middle East : Israeli-Palestine conflict  Note: Full Year Syllabus in Finals
<b>Political Science</b>	1. Forms of Government 2. Constitution 3. Franchise and Representation 4. The Legislature 8. Fundamental Rights and Directive Principles 10. Democracy in India	5. The Executive 6. The Judiciary 7. Indian Constitution 9. Local Self - Government  Note- Full Syllabus for Prelims
<b>Sociology</b>	1. Social Institutions 2. Religion and Society 3. Political Organization 4. Economic Organization	1. Tribal India - Past, Present and Future 2. Social Stratification 3. Social Change & Development. <b>NOTE: Full Syllabus of Half-Yearly included in Prelims</b>
<b>Art</b>	<b>PAPER 2:</b> [Drawing or Painting from Nature] 1. Study of Spray of Flowers 2. Study of the structure of Natural forms of fruit and foliage. <b>PAPER 4:</b> [Original Imaginative Composition in Colour] 1. Two scenes based on any current topics. 2. A scene based on any season of the year  <b>PAPER 5:</b> [CRAFTS 'A'] 1. Cards 2. A Notice or Pictorial Poster 3. Emblem	<b>PAPER 2:</b> 1. Subjects will be set for drawing or painting outdoors (Direct Study from Nature) 2. Study of fruit and flowers  <b>PAPER 4:</b> 1. Scenes based on Daily Life/Festivals 2. Scene based on Nature  <b>PAPER 5:</b> 1. A Page of a book (with calligraphy and illustration) 2. Advertisement Posters NOTE- Full Syllabus for Prelims
<b>Legal Studies</b>	1. Intellectual Property Laws 2. Dispute Resolution 3. Crime and Law of Evidence 4. Transfer of Property	5. Legal services Authority and its Role 6. Legal Maxims 7. Important laws  Full Syllabus of Half-Yearly included in Finals