



**GIRLS' HIGH SCHOOL & COLLEGE, ALLAHABAD**

**CLASS - TWELVE SYLLABUS BREAK-UP**

**APRIL 2019 TO MARCH 2020**

<b>Subjects</b>	<b>HALF YEARLY</b>	<b>PRELIMS</b>
<b>English Language</b>	1. Composition 2. a) Directed Report b) Proposal Writing 3. Grammar a) Transformation of Sentences b) Preposition c) Tenses 4. Comprehension	1. Composition 2. a) Directed Report b) Proposal Writing 3. Grammar a) Transformation of Sentences b) Preposition c) Tenses 4. Comprehension
<b>English Literature</b>	Drama: The Tempest- Shakespeare A.T. Atkinson Act IV, SC. I  Poetry: Reverie- A Collection of ISC Poems - (Evergreen Pub.) 1. The Darkling Thrush 2. Birches 3. We are the Music Makers  Prose: Echoes:- A Collection of ISC Short Stories. (Evergreen Pub.) 1. To Build a Fire 2. The Story of An Hour	Drama: The Tempest- Shakespeare-A.T. Atkinson Act V, SC I Poetry: Reverie-A Collection of ISC Poems 1. Crossing the Bar 2. Dover Beach Prose: Echoes-A Collection of ISC short stories. (Evergreen Pub.) a) The Singing Lesson b) The Sound Machine c) B. Wordsworth
<b>Hindi</b>	1. व्याकरण 1. निबन्ध और कहानी लेखन 2. अपठित गद्यांश 3. वाक्य-शुद्धीकरण 4. मुहावरे और लोकोक्तियाँ 2. गद्य संकलन 1. भक्तित्तन –महादेवी वर्मा 2. संस्कृति क्या है? (निबन्ध)–रामधारी सिंह दिनकर 3. मजबूरी–मन्नू भंडारी 3. काव्य मंजरी 1. उद्यमी नर– रामधारी सिंह दिनकर 2. बादल को धिरते देखा है–नागार्जुन 3. अँधेरे का दीपक–हरिवंश राय 'बच्चन' 4. आषाढ़ का एक दिन नाटक –मोहन राकेश तृतीय अंक	व्याकरण के सभी अंश एवं तीनों पुस्तकों के सभी पाठ सम्मिलित है।  ( ग्यारहवीं और बारहवीं कक्षा का पूरा पाठ्य)
<b>Mathematics</b>	<p align="center"><u>Section-A</u></p> 1. Determinants 2. Matrices 3. Inverse Trigonometric Function 4. Indeterminate Form 5. Continuity and Differentiability 6. Application of Derivatives 7. Integrals 8. Differential Equation  <p align="center"><u>Section-B</u></p> 1. Vectors 2. 3-D Geometry • Lines • Planes  <p align="center"><u>Section-C</u></p> 1. Linear Regression 2. Linear Programming	<p align="center"><u>Section-A</u></p> 1. Relation & Function 2. Probability  <p align="center"><u>Section-B</u></p> 1. Application of Integrals  <p align="center"><u>Section-C</u></p> 1. Application of Calculus in Commerce & Economics  NOTE: Full Course in Final Syllabus

<b>Physics</b>	<ol style="list-style-type: none"> <li>1. Electrostatics</li> <li>2. Current Electricity</li> <li>3. Magnetic Effects of Current &amp; Magnetism</li> <li>4. Dual Nature of Radiation and matter</li> <li>5. Atoms &amp; Nucleic</li> <li>6. Electronic Devices</li> </ol>	<ol style="list-style-type: none"> <li>1. Electromagnetic Induction and alternating currents</li> <li>2. Electromagnetic Waves</li> <li>3. Optics - Ray optics - Wave optics</li> <li>4. Communication Systems</li> </ol> <p>NOTE- Entire syllabus is included for Prelims</p>
<b>Chemistry</b>	<ol style="list-style-type: none"> <li>1. Solutions</li> <li>2. Electrochemistry</li> <li>3. Chemical Kinetics</li> <li>4. General principles and processes of isolation of elements</li> <li>5. Coordination compounds</li> <li>6. P - Block elements - <ol style="list-style-type: none"> <li>i) Group 15 Elements</li> <li>ii) Group 16 and 17 Elements</li> </ol> </li> <li>7. Alcohols, Phenols and Ethers</li> <li>8. Aldehydes, Ketones and Carboxylic Acids</li> <li>9. Biomolecules</li> <li>10. Polymers</li> </ol>	<ol style="list-style-type: none"> <li>1. Solid State</li> <li>2. Surface Chemistry</li> <li>3. d and f block elements</li> <li>4. Haloalkanes and Haloarenes</li> <li>5. Organic compounds containing Nitrogen</li> <li>6. Chemistry in everyday life</li> </ol> <p>Note-Entire syllabus</p>
<b>Biology</b>	<ol style="list-style-type: none"> <li>1. <u>Reproduction in Organism</u> <ol style="list-style-type: none"> <li>(i) Sexual reproduction in flowering plants</li> <li>(ii) Human Reproduction</li> <li>(iii) Reproductive Health</li> </ol> </li> <li>2. <u>Genetics and Evolution</u> <ol style="list-style-type: none"> <li>(i) Principles of Inheritance and Variation</li> <li>(ii) Molecular Basis of Inheritance</li> <li>(iii) Evolution</li> </ol> </li> <li>3. <u>Biotechnology and its Application</u> <ol style="list-style-type: none"> <li>(i) Biotechnology - Principles and Processes</li> <li>(ii) Biotechnology and its Application</li> </ol> </li> </ol>	<ol style="list-style-type: none"> <li>1. <u>Biology and Human Welfare</u> <ol style="list-style-type: none"> <li>(i) Human Health and Diseases</li> <li>(ii) Strategies for Enhancement in Food Production</li> <li>(iii) Microbes in Human Welfare</li> </ol> </li> <li>2. Ecology and Environment <ol style="list-style-type: none"> <li>(i) Organisms and Population</li> <li>(ii) Ecosystem</li> <li>(iii) Biodiversity and its Conservation</li> <li>(iv) Environmental Issues</li> </ol> </li> </ol> <p>NOTE: ENTIRE SYLLABUS</p>
<b>Accountancy</b>	<p><b>Half Yearly</b></p> <p><b>1.Partnership Accounts:-</b></p> <ol style="list-style-type: none"> <li>a. Fundamentals</li> <li>b. Goodwill</li> <li>c. Admission</li> <li>d. Retirement and Death</li> <li>e. Dissolution of Firm</li> </ol> <p><b>2.Joint Stock Company Accounts</b></p> <ol style="list-style-type: none"> <li>a. Issue of Shares</li> <li>b. Issue of Debentures</li> <li>c. Redemption of Debentures</li> <li>d. Final Accounts of Companies</li> </ol> <p><b>3. Financial Statement Analysis:-</b></p> <ol style="list-style-type: none"> <li>(a) Comparative and common size statements</li> </ol>	<p>Prelims</p> <ol style="list-style-type: none"> <li>3. (b) Cash Flow Statement</li> <li>(c) Ratio Analysis</li> </ol> <p>(Includes half yearly syllabus)</p>
<b>Economics</b>	<ol style="list-style-type: none"> <li>1. Demand &amp; Law of Demand and Elasticity of Demand</li> <li>2. Theory of Consumer Behaviours</li> <li>3. Supply- Law of Supply and its Elasticity</li> <li>4. Market Mechanism - Equilibrium Price &amp; Quantity</li> <li>5. Law of Returns - Return to a factor</li> <li>6. Cost &amp; Revenue Analysis</li> <li>7. Forms of Market</li> <li>8. Producer's Equilibrium (TC/TR &amp; MC/MR approach)</li> <li>9. Determination of Equilibrium Price &amp; Output under Perfect Competition.</li> <li>10. Money &amp; Banking</li> <li>11. Balance of Payments &amp; Exchange Rate</li> <li>12. Public Finance - Fiscal Policy &amp; Government Budget</li> <li>13. Circular flow of income</li> </ol>	<ol style="list-style-type: none"> <li>1. Theory of Income and Employment</li> <li>2. National Income <ol style="list-style-type: none"> <li>i) National Income aggregates</li> <li>ii) Methods of Measuring National Income</li> </ol> </li> </ol> <p><b>NOTE: Entire Half Yearly Syllabus included</b></p>

<b>Commerce</b>	1. <u>Unit 3: MANAGEMENT</u> Chap 05 - Management - Meaning, Nature and Importance Chap 06 - Principles of Management Chap 07 - Functions of Management and Coordination. Chap 08 - Planning Chap 09 - Organising Chap 10 - Staffing Chap 11 - Directing Chap 12 - Controlling 2. <u>Unit 4: MARKETING</u> Chap 13 - Marketing - Concept and Functions Chap 14 - Marketing Mix Chap 15 - Consumer Protection	1. <u>Unit 1: BUSINESS ENVIROMENT</u> 2. <u>Unit 2: FINANCING</u> Chap 02 - Capital : Fixed and Working Chap 03 - Sources of Finance for a Joint Stock Company. Chap 04- Banking - Latest Trends  <p style="text-align: center;"><b>NOTE: Full Syllabus in Prelims</b></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: Statement, 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-Includes half yearly syllabus)
<b>History</b>	1. Towards independence and Partition 2. Establishment & development of Indian Democracy 3. World War II 4. De - Colonization 5. Movements for women’s Rights	Preliminary Exams 6. Challenges to Indian Democracy 7. Changing face of Indian Democracy 8. India’s Foreign Policy 9. Cold war 10. Protest movements 11. Middle East  <p style="text-align: center;"><b>NOTE: FULL YEAR COURSE FOR PRELIMS EXAM.</b></p>
<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 Institution 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>[Includes Half Yearly Syllabus]</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 fruits. 3. Study of Foliage (Ferns, Coleus etc)  <b>PAPER 4:</b> [Original Imaginative Composition in Colour] Three Scenes based on any current topics  <b>PAPER 5:</b> [CRAFTS ‘A’] 1. A notice or pictorial poster 2. Cards 3. Emblem	<b>PAPER 2:</b> 1. Subjects will be set for drawing or painting outdoors (Direct Study from Nature) 2. Spray of Flowers  <b>PAPER 4:</b> 1. Scenes based on Daily Life/Festivals 2. Scenes based on Nature  <b>PAPER 5:</b> 1. A Page of a book (with calligraphy and illustration) 2. Advertisement Posters