



GIRLS' HIGH SCHOOL & COLLEGE, ALLAHABAD

CLASS - TWELVE SYLLABUS BREAK-UP

APRIL 2020 TO MARCH 2021

Subjects	HALF YEARLY	PRELIMS
English Language	1. Composition 2. a) Directed Report b) Proposal Writing 3. Grammar a) Transformation of Sentences b) Preposition c) Tenses 4. Comprehension Internal Assessment (a) Aural (b) Oral	1. Composition 2. a) Directed Report b) Proposal Writing 3. Grammar a) Transformation of Sentences b) Preposition c) Tenses 4. Comprehension Internal Assessment (a) Aural (b) Oral
English Literature	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 NOTE: CLASS ELEVEN SYLLABUS ALSO INCLUDED	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) The Singing Lesson b) The Sound Machine c) B. Wordsworth NOTE: THE ENTIRE CLASS 11 & 12 SYLLABUS INCLUDED
Hindi	1. <u>व्याकरण</u> 1. निबन्ध और कहानी लेखन 2. अपठित गद्यांश 3. (a) वाक्य-पुद्धीकरण (b) मुहावरे और लोकोक्तियाँ 2. <u>गद्य संकलन</u> 1. क्या निराश हुआ जाए ? हजारी प्रसाद द्विवेदी 2. भक्तितन – महादेवी वर्मा 3. संस्कृति क्या है? (निबन्ध)–रामधारी सिंह दिनकर 3. <u>काव्य मंजरी</u> 1. जाग तुझको दूर जाना है – महादेवी वर्मा 2. उद्यमी नर– रामधारी सिंह दिनकर 3. बादल को धिरते देखा है–नागार्जुन 4. आषाढ़ का एक दिन नाटक –मोहन राकेश तृतीय अंक	1. <u>व्याकरण</u> 4. निबन्ध और कहानी लेखन 5. अपठित गद्यांश 6. (a) वाक्य-पुद्धीकरण (b) मुहावरे और लोकोक्तियाँ 2. <u>गद्य संकलन</u> 1. मजबूरी – मन्नू भंडारी 3. <u>काव्य मंजरी</u> 1. अँधेरे का दीपक – हरिविषय राय 'बच्चन' 4. आषाढ़ का एक दिन (नाटक) मोहन राकेश नोट – प्रीबोर्ड परीक्षा में व्याकरण के सभी अंश तथा तीनों पुस्तकों में संग्रहित सभी पाठ जो कक्षा ग्यारह एवं बारह में पढ़ाए गए हैं सम्मिलित हैं।
Mathematics	<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 Finals

Physics	<ol style="list-style-type: none"> 1. Electrostatics 2. Current Electricity 3. Magnetic Effects of Current & Magnetism 4. Electromagnetic Induction & Alternating Currents 5. Electromagnetic waves 6. Optics - Ray optics + Practicals related to above topics 	<ol style="list-style-type: none"> 1. Optics - Wave optics 2. Dual nature of matter and radiation 3. Atoms & nuclei 4. Electronic Devices 5. Communication systems + Practicals on optics & Electricity + Half yearly syllabus
Chemistry	<ol style="list-style-type: none"> 1. Solid State 2. Solutions 3. Electrochemistry 4. General principles & processes of isolation of elements 5. p - Block elements - <ol style="list-style-type: none"> i) Group 15 ii) Group 16 iii) Group 17 iv) Group 18 6. Alcohols, Phenols and ethers 7. Aldehydes, Ketones and carboxylic acids 8. Polymers 	<ol style="list-style-type: none"> 1. Chemical kinetic 2. Surface Chemistry 3. d and f block elements 4. Haloalkanes and haloarenes 5. Organic compounds containing nitrogen 6. Biomolecules 7. Chemistry in daily life <p>Note-Syllabus of I term included</p>
Biology	<ol style="list-style-type: none"> 1. <u>Reproduction in Organisms</u> <ol style="list-style-type: none"> (i) Sexual reproduction in flowering plants (ii) Human Reproduction (iii) Reproductive Health 2. <u>Genetics and Evolution</u> <ol style="list-style-type: none"> (i) Principles of Inheritance and Variation (ii) Molecular Basis of Inheritance (iii) Evolution 3. <u>Biotechnology and its Application</u> <ol style="list-style-type: none"> (i) Biotechnology - Principles and Processes (ii) Biotechnology and its Application 	<p>1. Prelims</p> <ol style="list-style-type: none"> 1. (i) Human Health and Diseases (ii) Strategies for Enhancement in Food Production (iii) Microbes in Human Welfare <p>2. Ecology and Environment</p> <ol style="list-style-type: none"> (i) Organisms and Population (ii) Ecosystem (iii) Biodiversity and its Conservation (iv) Environmental Issues <p>NOTE: ENTIRE SYLLABUS</p>
Accountancy	<p>Half Yearly</p> <p>1.Partnership Accounts:-</p> <ol style="list-style-type: none"> a. Fundamentals b. Goodwill c. Admission d. Retirement and Death e. Dissolution of Firm <p>2.Joint Stock Companies Accounts</p> <ol style="list-style-type: none"> a. Issue of Shares b. Issue of Debentures c. Redemption of Debentures d. Final Accounts of Companies <p>3. Financial Statement Analysis:-</p> <p>(a) Comparative and common size statements</p>	<p>Prelims</p> <ol style="list-style-type: none"> 3. (b) Cash Flow Statement (c) Ratio Analysis <p>(Includes half yearly syllabus)</p>
Economics	<ol style="list-style-type: none"> 1. Demand & Law of Demand and Elasticity of Demand 2. Theory of Consumer Behaviours 3. Supply- Law of Supply and its Elasticity 4. Market Mechanism - Equilibrium Price & Quantity 5. Law of Returns - Return to a factor 6. Cost and Revenue Analysis 7. Forms of Market 8. Producer's Equilibrium (TC/TR & MC/MR approach) 9. Determination of Equilibrium Price & output under Perfect Competition. 10. Money & Banking 11. Balance of Payments and Exchange Rate 12. Public Finance - Fiscal Policy & Government Budget 13. Circular flow of Income 	<ol style="list-style-type: none"> 1. Theory of Income and Employment 2. National Income <ol style="list-style-type: none"> i) National Income aggregates ii) Methods of Measuring National Income <p>NOTE: Including Half yearly syllabus</p>

Commerce	<ol style="list-style-type: none"> 1. L-13. Marketing – Concept and Functions 2. L-14. Marketing Mix 3. L-15. Consumer Protection 4. L-5. Management – Meaning, Nature and Importance 5. L-6. Principles of Management 6. L-7. Functions of Management and coordination 7. L-8. Planning 8. L-9. Organising 9. L-10. Staffing 10. L.11. Directing 11. L.12. Controlling <p>Assignment Work</p>	<ol style="list-style-type: none"> 1. L-1. Business Environment 2. L-2. Capital – Fixed and Working 3. L-3. Sources of Finance for a Joint Stock company 4. L-4. Banking – Latest Trends <p>Assignment work NOTE:- Full syllabus of Half yearly is included</p>
Computer Science	<p>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</p>	<p>Ch 11: Recursion Ch 12: Concept of Inheritance Ch 13: Simple Data Structures Ch 14: Recursive Data Structures Ch 15: Computational Complexity NOTE- Syllabus of Half Yearly</p>
History	<ol style="list-style-type: none"> 1. Towards independence and Partition. The last Phase 1935-1947 2. Establishment & Development of Indian Democracy 3. World War II 4. De - Colonization in Asia (China) and Africa (Ghana & Kenya) 5. Movements for Women’s Rights 	<p>Prelims</p> <ol style="list-style-type: none"> 1. Challenges to Indian Democracy (1964-1977) 2. Changing face of Indian Democracy. (1977-1986) 3. India’s Foreign Policy 4. Cold war 1945-1991 : Origin Course, End and Impact 5. Protest Movements (Civil Rights Movement, Anti Apartheid Movement and Feminist Movement) 11. Middle East: Israeli - Palestine Conflict (1916-1993)
Political Science	<ol style="list-style-type: none"> 1. Forms of Government 2. Constitution 3. Franchise and Representation 4. The Legislature 8. Fundamental Rights and Directive Principles 10. Democracy in India 	<ol style="list-style-type: none"> 5. The Executive 6. The Judiciary 7. Indian Constitution 9. Local Self - Government <p>Note- Full Syllabus for Prelims</p>
Sociology	<ol style="list-style-type: none"> 1. Social Institutions 2. Religion and Society 3. Political Organization 4. Economic Organization 	<ol style="list-style-type: none"> 1. Tribal India – Past, Present and Future 2. Social Stratification 3. Social Change & Development. <p>[Half Yearly Syllabus Included]</p>
Art	<p>PAPER 2: [Drawing or Painting from Nature]</p> <ol style="list-style-type: none"> 1. Study of Spray of Flowers 2. Study of the structure of Natural forms of fruits and foliage. <p>PAPER 4: [Original Imaginative Composition in Colour]</p> <ol style="list-style-type: none"> 1. Two scenes based on any current topic 2. A scene based on any ‘season’ of the year <p>PAPER 5: [CRAFTS ‘A’]</p> <ol style="list-style-type: none"> 1. Cards 2. A notice or pictorial poster 3. Emblem 	<p>PAPER 2:</p> <ol style="list-style-type: none"> 1. Subjects will be set for drawing or painting outdoors (Direct Study from Nature) 2. Spray of Flowers <p>PAPER 4:</p> <ol style="list-style-type: none"> 1. Scenes based on Daily Life/Festivals 2. Scenes based on Nature <p>PAPER 5:</p> <ol style="list-style-type: none"> 1. A Page of a book (with calligraphy and illustration) 2. Advertisement Posters
Legal Studies	<ol style="list-style-type: none"> 1. Intellectual Property Laves 2. Dispute Resolution 3. Crime and Law of Evidence 4. Transfer of Property 	<ol style="list-style-type: none"> 5. Legal services Authority and its Role 6. Legal Maxims 7. Important laws <p>(Half yearly syllabus included)</p>