



GIRLS' HIGH SCHOOL & COLLEGE : PRAYAGRAJ

CLASS - TEN SYLLABUS BREAK-UP

APRIL 2021 TO MARCH 2022

Subjects	HALF YEARLY	Prelims
English Language	1. Essay 2. Letter (Formal & Informal) 3. Notice & Email 4. Comprehension 5. Grammar <ol style="list-style-type: none"> 1. Verb forms 2. Prepositions 3. Transformation of Sentences 4. Synthesis of Sentences 	1. Essay 2. Letter (formal & Informal) 3. Notice & Email 4. Comprehension 5. Grammar <ol style="list-style-type: none"> 1. Verb forms 2. Prepositions 3. Transformation of Sentences Recap of Half yearly
English Literature	1. The Merchant of Venice Act III (ii), (iii), (iv) & (v) 2. Poetry: (Treasure Trove) <ol style="list-style-type: none"> 1. I know why the caged bird sings 2. The Patriot 3. Prose: (Treasure Trove) <ol style="list-style-type: none"> 1. The Little Match Girl 2. The Blue Bead (Recap of class 9 syllabus)	1. The Merchant of Venice Act IV (i), (ii) & Act V (i) 2. Poetry: (Treasure Trove) <ol style="list-style-type: none"> 1. Abou Ben Adhem 2. Nine Gold Medals 3. Prose: (Treasure Trove) <ol style="list-style-type: none"> 1. My Greatest Olympic Prize 2. All Summer in a Day (Recap of class 9 syllabus and Half yearly class 10 syllabus)
Mathematics	1. G.S.T. 2. Banking 3. Shares & Dividends 4. Linear Inequations 5. Quadratic Equations (Including word Problems) 6. Factorization of Polynomials 7. Matrices 8. Arithmetic and Geometric Progression 9. Reflection 10. Section and Mid-point formula 11. Equation of a line 12. Similarity 13. Trigonometrical Identities 14. Heights and Distance 15. Statistics (Mean, Median, Mode, Histogram & Ogive)	1. Ratio and Proportion 2. Locus 3. Circles (Angle, Cyclic and Tangent & Secant Properties) 4. Mensuration (Cylinder, Cone and Sphere) 5. Probability 6. Constructions NOTE: HALF YEARLY SYLLABUS INCLUDED
Geography	1. Survey map 2. Map of India 3. Climate of India 4. Soil Resources in India 5. Natural Vegetation 6. Water Resources 7. Mineral and Energy Resources	8. Agriculture in India 9. Manufacturing Industries in India 10. Transport 11. Waste Management (Recap of Half Yearly) Project Topic: Prepare a project on any one topic. <ul style="list-style-type: none"> • The survey of a local market on the types of shops and services offered. • Transport in India (Development of Road, Rail, Water and Air routes)

Physics	<ol style="list-style-type: none"> 1. Force 2. Work, Energy and Power 3. Machines 4. Sound 5. Light 6. Calorimetry (Practicals related to above mentioned topics)	<ol style="list-style-type: none"> 7. Electricity & Magnetism 8. Modern Physics (Practicals related to above mentioned topics) Half yearly syllabus included
Biology	<ol style="list-style-type: none"> 1. Cell Cycle & Cell Division 2. Structure of Chromosomes 3. Absorption by Roots 4. Transpiration 5. Photosynthesis 6. Chemical Co-ordination in Plants 7. Circulatory system 8. Endocrine system 9. Pollution 	<ol style="list-style-type: none"> 10. Genetics 11. Excretory system 12. Nervous system 13. Sense Organs 14. Reproductive system 15. Population 16. Human Evolution Full syllabus in Prelims
Computer Application	Ch 1: Object Oriented Programming Concepts Ch 2: Introduction to Java Ch 3: Values and Data Types Ch 4: Operators in Java Ch 5: User Defined Methods Ch 6: Input in Java Ch 7: Mathematical Library Methods Ch 8: Conditional Constructs in Java Ch 9: Iterative Constructs in Java Ch 10: Nested for Loops Ch 11: Constructors Ch 14: Arrays Ch 15: String Handling	Ch 12: Library Classes Ch 13: Encapsulation and Inheritance Note: Half yearly syllabus included
Chemistry	<ol style="list-style-type: none"> 1. Periodic Table, Periodic Properties and variation of properties 2. Chemical Bonding 3. Acids, Bases and salts 4. Analytical Chemistry: Uses of Ammonium Hydroxide and sodium hydroxide 5. Mole concept and stoichiometry 6. Electrolysis 7. Study of Hydrogen chloride 8. Study of Ammonia 9. Study of Nitric Acid 10. Practical Work 	<ol style="list-style-type: none"> 1. Metallurgy 2. Study of Sulphuric acid 3. Organic Chemistry [Note: Half Yearly Syllabus also Included]
Commercial Applications	Chap-1: Markets & Marketing Chap-2: Marketing Mix - 4 P's Chap-3: Advertising & Brand Promotion Chap-4: Sales & Selling Process Chap-5: Generally Accepted Accounting Principles Chap-6: Financial Accounting and Reporting Chap-7: Banking and Bank Transactions Chap-11: Public Relations	Chap- 8: Fundamental Concepts of Cost Chap-9: Importance of Human Resources Chap-10: Recruitment, Selection & Training Chap-12: Issues of the Environment Project Work [Recap of the Full Syllabus of Half yearly]
History & Civics	<p style="text-align: center;"><u>Civics</u></p> <ol style="list-style-type: none"> 1. The Union Legislature <ol style="list-style-type: none"> a. Lok Sabha b. Rajya Sabha 2. The Union Executive <ol style="list-style-type: none"> (a) The President (b) The Vice President (c) Prime Minister and Council of Ministers <p style="text-align: center;"><u>History</u></p>	<p style="text-align: center;"><u>Civics</u></p> <ol style="list-style-type: none"> 3. The Judiciary <ol style="list-style-type: none"> (a) The Supreme Court (b) The High Courts (c) Subordinate Courts, Lok Adalat. <p style="text-align: center;"><u>History</u></p> <ol style="list-style-type: none"> 2. Mass Phase of the National Movement(1915-1947) <ol style="list-style-type: none"> (a) Mahatma Gandhi:- (Non-Cooperation Movement; Civil Disobedience Movement

<p>History & Civics</p>	<p>1. The Indian National Movement (1857-1917) a. The First War of Independence (1857) b. Factors leading to the growth of Nationalism</p> <p>2. Foundation of the Indian National Congress. (i) Early Nationalists Second Phase of the Indian National Movement. (ii) Assertive Nationalism (iii) Partition of Bengal; Surat Split of 1907 (iv) Factors leading to the Formation of the Muslim League; Lucknow Pact-1916</p> <p>3. The Contemporary World (a) The First World War (b) Rise of Dictatorships (c) The Second World War PROJECT- UNESCO World Heritage Sites in India</p>	<p>and other forces at work) Cripps Mission and the Quit India Resolution (b) Forward Bloc and INA (c) Independence and Partition of India</p> <p>3. The Contemporary World (d) United Nations (i) The Objectives of the U.N. Organs of the U.N. (ii) Major Agencies of the United Nations- UNICEF, WHO and UNESCO (e) Non Aligned Movement</p> <p>NOTE-Full syllabus in Prelims</p>
<p>Art</p>	<p>Paper III (Original Imaginative Composition in Colour) A variety of themes will be set; (at least four themes) in the form of titles indicating the subjects or of specified subject for inclusion in composition, or in any other form that will stimulate the imagination. Any style or technique may be used.</p> <ol style="list-style-type: none"> Nursery Rhyme/Poem illustration A Fashion Show A Picnic Scene A Scene based on any aspect of Daily life <p>Paper IV (APPLIED ART)</p> <ol style="list-style-type: none"> Cards for various occasions Pictorial posters or a notice Book covers 	<p>Paper III</p> <ol style="list-style-type: none"> Four Scenes based on Daily life Two scenes based on any current topics <p>Paper IV Topics will be set requiring the design and execution of the following:</p> <ol style="list-style-type: none"> The page of a book. Invitation cards or emblem. Patterned papers for a specific purpose. <p>Note- Full syllabus in Prelims Art file covers to be bought, covered with chart paper and painted. Name, Class, Section and year to be written in block letters on the cover. Then the file has to be covered with cellophane paper. (This work has to be done in the months of May and June 2021)</p>
<p>Hindi</p>	<p>खण्ड 'क' व्याकरण</p> <ol style="list-style-type: none"> निबन्ध व कहानी लेखन पत्र लेखन अपठित गद्यांश शब्द भण्डार ICSE पाठ्यक्रमानुसार <p>खण्ड 'ख' साहित्य साहित्य सागर (गद्य खण्ड)</p> <ol style="list-style-type: none"> संदेह-जयशंकर प्रसाद भीड़ में खोया आदमी लीलाधर शर्मा पर्वतीय <p>साहित्य सागर (पद्य खण्ड)</p> <ol style="list-style-type: none"> विनय के पद – तुलसीदास भिक्षुक – सूर्यकांत त्रिपाठी 'निराला' 	<p>खण्ड 'क' व्याकरण</p> <ol style="list-style-type: none"> निबन्ध व कहानी लेखन पत्र लेखन अपठित गद्यांश शब्द भण्डार ICSE पाठ्यक्रमानुसार <p>खण्ड 'ख' साहित्य साहित्य सागर (गद्य खण्ड)</p> <ol style="list-style-type: none"> भेड़े और भेड़िए-हरिशंकर परसाई दो कलाकार-मन्नू भण्डारी <p>साहित्य सागर (पद्य खण्ड)</p> <ol style="list-style-type: none"> चलना हमारा काम है-शिवमंगल सिंह 'सुमन' मातृमंदिर की ओर-सुभद्रा कुमारी चौहान
	<p>निर्देश- अर्द्धवार्षिक परीक्षा एवं प्रीबोर्ड परीक्षा में कक्षा नवीं एवं दसवीं में गद्य, पद्य एवं व्याकरण में पढ़ाए गए समस्त पाठ एवं उनके अंश सम्मिलित हैं।</p>	