

ST. JOSEPH'S GIRLS' COLLEGE, PRAYAGRAJ**SYLLABUS 2024-2025****CLASS 10**

SUBJECT	TERM	SYLLABUS
ENGLISH LITERATURE	UNIT-1	Ch12 The Glove and the Lions (Poems), Ch11 With the Photographer (Short Stories)
	HALF-YEARLY	POEMS - Ch 11- Haunted Houses, Ch12-The Glove and the Lions, Ch13- When Great Trees Fall, Ch14-A Considerable Speck, Ch15- The Power of Music SHORT STORIES - Ch11-With the Photographer, Ch12- The Elevator, Ch13- The Girl Who Can, Ch14- The Pedestrian, Ch15- The Last Lesson PLAY - Julius Caesar-Act III, IV, V
	UNIT-2	Ch11 Haunted Houses (Poems), Ch13 The Girl Who Can (Short Stories)
	PRE-BOARD	Full Syllabus : POEMS - Ch 11- Haunted Houses, Ch12-The Glove and the Lions, Ch13- When Great Trees Fall, Ch14-A Considerable Speck, Ch15- The Power of Music SHORT STORIES - Ch11-With the Photographer, Ch12- The Elevator, Ch13- The Girl Who Can, Ch14- The Pedestrian, Ch15- The Last Lesson PLAY - Julius Caesar-Act III, IV, V Project : 2 Projects on the given topics in the whole session
ENGLISH LANGUAGE	UNIT-1	Comprehension
	HALF-YEARLY	Full Syllabus: Comprehension, Prepositions, Letter Writing, Correct Form of Verbs, Synthesis of Sentences, Transformation of Sentences, Notice and E-mail writing, Composition
	UNIT-2	Synthesis of Sentences, Transformation of Sentences, Notice and E-mail writing
	PRE-BOARD	Full Syllabus: Comprehension, Prepositions, Letter Writing, Correct Form of Verbs, Synthesis of Sentences, Transformation of Sentences, Notice and E-mail writing, Composition PROJECTS- Aural & Oral Skills
MATHS	UNIT-1	Ch4- Linear Inequations, Ch5- Quadratic Equations In One Variable
	HALF-YEARLY	Goods and Services Tax (GST), Banking, Shares and Dividends, Linear Inequations, Quadratic Equations in One Variable, Factorisation, Ratio and Proportion, Matrices, Arithmetic and Geometric Progressions, Reflection, Section Formula, Equation of a Straight Line, Similarity, Trigonometric Identities, Trigonometrical Tables, Heights and Distances
	UNIT-2	Ch17- Mensuration
	PRE-BOARD	Goods and Services Tax (GST), Banking, Shares and Dividends, Linear Inequations, Quadratic Equations in One Variable, Factorisation, Ratio and Proportion, Matrices, Arithmetic and Geometric Progressions, Reflection, Section Formula, Equation of a Straight Line, Similarity, Trigonometric Identities, Trigonometrical Tables, Heights and Distances, Measures of Central Tendency, Probability Project no. 1 : Planning a home budget. Project no. 2 : An eccentric artist says that the best paintings have the same area as their perimeter (numerically). Let us not argue whether such sizes increase the viewer's appreciation, but only try and find what sides (in integers only) a Rectangle must have if its area and perimeter are to be equal (Note: there are only two such Rectangles)
COMPUTER	UNIT-1	Ch1. Revision of Class IX Syllabus
	HALF-YEARLY	Ch1 Revision of Class IX Syllabus (Unit I to Unit VI), Ch2.Class as the Basis of all Computation, Ch3.Functions OR Methods (User - defined Methods), Ch4. Constructors, Ch5.Library classes
	UNIT- 2	Ch6.Encapsulation, Ch7. Arrays
	PRE-BOARD	Ch6.Encapsulation, Ch7. Arrays Ch 8 String Handling Ch9.Error handles and exceptions, Ch10.Output Questions, Including all the Half Yearly

		syllabus. Project: Java program coding
HINDI	UNIT-1	साहित्य सागर गद्य- 1 बात अठनी की पद्य - साखी एकांकी - संस्कार एवं भावना
	HALF-YEARLY	साहित्यसागर गद्य। 1. बात अठनी की, 2. काकी, 3. महायज्ञ का पुरस्कार, 4. नेता जी का चश्मा, 5. अपना अपना भाग्य, 6. बड़े घर की बेटी, 7. संदेह, 8. भीड़ में खोया आदमी, 9. भेड़े और भेड़िए, 10. दो कलाकार साहित्य सागर पद्य 1. साखी, 2. गिरिधर की कुंडलियाँ, 3. स्वर्ग बना सकते हैं, 4. वह जन्मभूमि मेरी, 5. मेघ आए, 6. सूर के पद, 7. विनय के पद, 8. भिक्षुक, 9. चलना हमारा काम है, 10. मातृ मंदिर की ओर एकांकी संचय 1. संस्कार एवं भावना, 2. बहू की विदा, 3. मातृभूमि का मान, 4. सूखी डाली, 5. महाभारत की एक साँझ, 6. दीपदान व्याकरण प्रस्ताव लेखन, पत्र लेखन, अपठित गद्यांश
	UNIT-2	व्याकरण
	PRE-BOARD	Complete syllabus
Physics	UNIT-1	Unit-1 Force, Work, Power and Energy
	HALF-YEARLY	Unit -3 Sound, Unit-4 Electricity and Magnetism
	UNIT-2	Unit - 2 Light
	PRE-BOARD	FULL SYLLABUS (From unit1-6) Unit-1 Force, Work, Power and Energy, Unit - 2 Light, Unit -3 Sound, Unit-4 Electricity and Magnetism, Unit5:-Heat, Unit6:-Modern Physics
Chemistry	UNIT-1	Ch1 (Periodic Table, Periodic Properties and Variations of Properties)
	HALF-YEARLY	Ch1- Periodic Table, Periodic Properties and Variations of Properties, Ch 2- Chemical Bonding. Ch 3- Acids, Bases and Salts, Ch 5- Mole concept and stoichiometry, Ch 6- Electrolysis, Ch 8- Study of compounds – Hydrogen Chloride, Ch 9- Study of compounds – Ammonia, Ch 10- Study of Compounds – Nitric Acid, Ch 11- Study of compounds – Sulphuric Acid, Ch12- Organic Chemistry
	UNIT-2	Ch2 (Chemical Bonding), Ch3 (Acids, Bases and Salts)
	PRE-BOARD	Full Syllabus: Ch1- Periodic Table, Periodic Properties and Variations of Properties, Ch 2- Chemical Bonding. Ch 3- Acids, Bases and Salts, Ch 4- Analytical Chemistry, Ch 5- Mole concept and stoichiometry, Ch 6- Electrolysis, Ch 7- Metallurgy, Ch 8- Study of compounds – Hydrogen Chloride, Ch 9- Study of compounds – Ammonia, Ch 10- Study of Compounds – Nitric Acid, Ch 11- Study of compounds – Sulphuric Acid, Ch12- Organic Chemistry, PRACTICAL WORK Experiment 1-10 with complete practical file.
Biology	UNIT-1	Ch2. Structure of Chromosomes, Cell Cycle and Cell Division, Ch3. Genetics - Some Basic Fundamentals Projects and Practical
	HALF-YEARLY	Ch2. Structure of Chromosomes, Cell Cycle and Cell Division, Ch3. Genetics- Some Basic Fundamentals, Ch4. Absorption by Roots- The Processes Involved, Ch5. Transpiration, Ch6. Photosynthesis, Ch7. Chemical Coordination in Plants, Ch8. The Circulatory System, Ch9. The Excretory System, Ch10. The Nervous System, Ch11. Sense Organs
	UNIT-2	Ch4. Absorption by Roots- The Processes Involved Projects and Practical
	PRE-BOARD	Ch2. Structure of Chromosomes, Cell Cycle and Cell Division, Ch3. Genetics- Some Basic Fundamentals, Ch4. Absorption by Roots- The Processes Involved, Ch5. Transpiration, Ch6. Photosynthesis, Ch7. Chemical Coordination in Plants, Ch8. The Circulatory System, Ch9. The Excretory System, Ch10. The Nervous System, Ch11. Sense Organs, Ch12. The Endocrine System, Ch13. The Reproductive System, Ch14. Human Evolution, Ch15. Population- The Increasing Numbers and Rising Problems, Ch16. Pollution- A Rising Environmental Problem
HISTORY & CIVICS	UNIT-1	Civics Chap 1The Union Legislature
	HALF-YEARLY	History: Ch1 The First War of Independence, Ch2 Factors leading to Growth of Nationalism and Foundation of INC, Ch3: Objectives and

		Methods of Struggle of the Early Nationalists, Ch4: Second Phase of Indian National Movement: Partition of Bengal and other developments, Ch5 : Muslim League and Its Objectives, Ch6 National Movement during the First World War: Lucknow Pact and other developments, Ch7 National Movement (Non Cooperation, Civil Disobedience Movement and other forces at work), Ch8 The Cripps Mission and the Quit India Movement, Ch:9 S C Bose, Forward Block and INA, Ch10 Independence and Partition of India Civics: Ch1 The Union Legislature, Ch 2 The Union Executive (President and Vice President, Ch3 The Union Executive (PM and the Council of Minister)
	UNIT-2	Ch1 The First War of Independence, Ch2 Factors leading to the Growth of Nationalism and Foundation of the Indian National Congress
	PRE-BOARD	History: Ch1 The First War of Independence, Ch2 Factors leading to Growth of Nationalism and Foundation of INC, Ch3: Objectives and Methods of Struggle of the Early Nationalists, Ch4: Second Phase of Indian National Movement: Partition of Bengal and other developments, Ch5 : Muslim League and Its Objectives, Ch6 National Movement during the First World War: Lucknow Pact and other developments, Ch7 National Movement (Non Cooperation, Civil Disobedience Movement and other forces at work), Ch8 The Cripps Mission and the Quit India Movement, Ch:9 S C Bose, Forward Block and INA, Ch10 Independence and Partition of India, Ch11 The First World War (1914-1918), Ch12 Rise of Dictatorship: fascism in Italy and Nazism in Germany, Ch13 Second World War (1939-1945), Ch14 UNO, Origin, Objectives and the principal Organs, Ch15 The Non Aligned Movement. Civics: Ch1 The Union Legislature, Ch 2 The Union Executive (President and Vice President, Ch3 The Union Executive (PM and the Council of Minister), Ch4 The Union Judiciary : The Supreme Court, Ch 5 The State Judiciary: The High Courts, Ch 6 The Subordinate Courts.
Physical Education	UNIT-1	Ch-1 Human Growth and Development, Section B: Cricket
	HALF-YEARLY	Ch-1 Human Growth and Development, Ch-3 Body Types, Ch-7 Health Education, Section B: Cricket, Basket Ball, Badminton, Football
	UNIT-2	Ch-8 Career in Physical Education
	PRE-BOARD	All Chapters for Pre-Board Examination
GEOGRAPHY	UNIT-1	Ch1. Interpretation of Topographical Maps — I, Ch2. Interpretation of Topographical Maps — II
	HALF-YEARLY	Ch1. Interpretation of Topographical Maps — I, Ch2. Interpretation of Topographical Maps — II, Ch3. Location, Extent and Physical features turn off India (through maps only), Ch4:Climate of India, Ch5: Soil Resources in India, Ch6; Natural Vegetation, Ch7. Water Resources, Ch8 :Mineral and Energy Resources I, Ch 9: Mineral and Energy Resources I, Ch10: Agriculture in India I :Introduction, Ch11: Agriculture in India II : Food Crops, Ch12: Agriculture in India III :Cash Crop
	UNIT-2	Ch13: Manufacturing Industries in India: Agro-based, Ch14: Manufacturing Industries in India: Mineral-based
	PRE-BOARD	Ch13: Manufacturing Industries in India: Agro-based, Ch14: Manufacturing Industries in India: Mineral-based, Ch15: Transport, Ch16: Waste Management-Impact of Waste Accumulation, Ch17: Waste Generation and Management -Method of Safe Disposal of Waste, Including all theHalf Yearly syllabus One project work
S.U.P.W	HALF-YEARLY	Project file: Five low calorie dishes, Door mat from old clothe, Fabric paint...2 pillow cover, Wall hanging, On the day of exam...Salad making, Viva on salad preparation
	PRE-BOARD	1.Social work, 2.Viva on the basis of project file