

ST. JOSEPH'S GIRLS' COLLEGE, PRAYAGRAJ**SYLLABUS 2024-2025****CLASS 11**

SUBJECT	TERM	SYLLABUS
ENGLISH LITERATURE	UNIT-1	Macbeth: Act 1 Scenes 1-3, Prism: Ch 1: A Living God, Ch 2: Advice to Youth, Rhapsody: Ch1: Abhisara - The Tryst
	HALF-YEARLY	Macbeth: Act 1 : Scenes 4 ,5 ,6 &7., Prism: Ch 3: The Paper Menagerie, Rhapsody: Ch 2 Why I like the Hospital, Ch3 : Sonnet 116, Project 1: Role of the witches in shaping Macbeth's future
	UNIT-2	Macbeth Act 2 Scenes 1 &2, Prism: Ch4: The Great Automatic Grammatizer, Rhapsody: Death of a Naturalist
	FINAL	Macbeth: Act 2 Sc : 3&4, Prism: Chapter 5: Thank You Ma'am, Rhapsody: Chapter 5: Strange Meeting, Project: 2 Macbeth as a Tragic Hero
ENGLISH LANGUAGE	UNIT-1	Ch1 : Synthesis of Sentences, Ch2 Proposal Writing, Ch3 : Composition, Ch4. Transformation, Project 1 : Listening & Speaking Skills, Specimen Papers 1+ 5
	HALF-YEARLY	Ch5: Prepositions, Ch6: Book Review, Ch7 :Tenses, Ch8 Article Writing, Ch9 Comprehension, Listening and Speaking Skills, Revision of Entire Half Yearly Syllabus, Specimen Papers 6-12, Revision of whole syllabus
	UNIT-2	Ch10: Speech Writing, Ch11. Functional Grammar, Ch12 Transformation of Sentences, Specimen Papers
	FINAL	Specimen Papers, Revision of Entire Syllabus
MATHS	UNIT-1	Section A: Sets, Relations and Functions
	HALF-YEARLY	Section A: Sets, Relations and Functions, Trigonometry, Complex Numbers, Quadratic equations Linear Inequalities, Permutations and Combinations, Binomial Theorem Section B: 1. Conic Section (Parabola and Ellipse), 2. Introduction to 3-D Geometry, 3. Mathematical Reasoning
	UNIT-2	Section A 7. Sequence and Series
	FINAL	10. Sequence and Series, 11. Straight Lines, 12. Circles, 13. Limits and Derivatives, 14. Statistics, 15. Conic Section (Hyperbola), 16. Probability, Section B: 1. Conic Section (Hyperbola), (Note: Half-Yearly syllabus is also included.) Project no. 1: Using a Venn diagram, (i). Find the number of subsets of a given set and verify that if a set has 'n' number of elements, the total number of subsets is 2^n . (ii). Verify the distributive law for three given non-empty sets A, B and C. Project no. 2: Draw the graphs of $\sin x$, $\sin 2x$, $2 \sin x$, and $\sin \frac{x}{2}$ on the same graph using same coordinate axes and interpret the same
HINDI	UNIT-1	गद्यसंकलन-पाठ-1-पुत्रप्रेम, काव्यमंजरीपाठ-1 साखी
	HALF-YEARLY	गद्य—1 पुत्रप्रेम, 2-गौरी 3-शरणागत 4-सती काव्यमंजरी—1-साखी 2-बाल लीला 3-एक फूल की चाह 4-आ: धरती कितना देती है, नाटक-कालिदास के आगमन तक, निबंध, वाक्यगत शुद्धीकरण, मुहावरे एवं लोकोक्ति।
	UNIT-2	निबंध लेखन एवं मुहावरे
	FINAL	गद्य-1-पुत्रप्रेम, 2-गौरी 3-शरणागत 4-सती 5-आउट साइडर, 6-दासी काव्यमंजरी 1-साखी 2-बाल लीला 3-एक फूल की चाह 4-आ: धरती कितना देती है 5-नदी के द्वीप 6-तुलसीदास के पद।, नाटक-आषाढ के एक दिन।, निबंध, वाक्यगत शुद्धीकरण, मुहावरे एवं लोकोक्तिया।
PHYSICS	UNIT-1	Unit and dimensions
	HALF-YEARLY	Unit -2:-Kinematics, Unit-3:-Laws of Motion, Unit-4:-Work, Energy and

		Power, Unit-5:-Motion of System of Particles and Rigid Body
	UNIT-2	Unit - 6 Gravitation, Unit7:- Properties of Bulk Matter
	FINAL	FULL SYLLABUS (From unit 1-10) Ch-2: Units and Measurements, Kinematics, Laws of Motion , Work, Energy and Power, Motion of System of Particles and Rigid Body, Gravitation, Properties of Bulk Matter, Thermodynamics, Behaviour of Perfect Gases and Kinetic Theory of Gases, Oscillations and Waves
CHEMISTRY	UNIT-1	Ch 1(Some basic Concepts of Chemistry)
	HALF-YEARLY	Ch 1- Some basic Concepts of Chemistry, Ch 2- Structure of Atom, Ch 3- Classification of Elements and Periodicity in Properties, Ch 4 Chemical Bonding and molecular structure, Ch 6- Chemical Thermodynamics, Ch 7- Equilibrium
	UNIT-2	Ch 2 (Structure of Atom), Ch 3 (Classification of Elements and Periodicity in Properties)
	FINAL	Full Syllabus : Ch 1- Some basic Concepts of Chemistry, Ch 2- Structure of Atom, Ch 3- Classification of Elements and Periodicity in Properties, Ch 4 Chemical Bonding and molecular structure, Ch 6- Chemical Thermodynamics, Ch 7- Equilibrium, Ch 8- Redox Reactions, Ch12- Organic chemistry – Some Basic Principles and techniques, Ch 13- Hydrocarbons PRACTICAL WORK: Titration, Salt Analysis, Test of carbohydrates, Test of Protein with complete practical file.
BIOLOGY	UNIT-1	Ch 1 The living world , Ch 2 Biological classification
	HALF-YEARLY	Ch 1 The living world, Ch 2 Biological classification, Ch 3 -plant Kingdom, Ch 4 animal Kingdom, Unit -2 Ch 1 Morphology of flowering plants, Ch2 Anatomy of flowering plants, Unit -3 Ch 1-Cell the unit of life, Ch 2 –Bio-molecules, Ch 3-Cell cycle and Cell division Project work & chart, Practical File
	UNIT-2	Unit -4 Ch 3-Photosynthesis in higher plants, Ch 5-plant growth and development.
	FINAL	Unit –3 Ch 1- Cell: The unit of life, Ch 3 -Cell cycle and Cell division, Unit -4 Ch 3 -Photosynthesis in higher plants, Ch 4-Respiration in plants, Ch 5-Plant growth and development, Unit -5 Ch 2 -Breathing and exchange of gases, Ch 3-Body fluids and circulation, Ch 4-Excretory products and their elimination, Ch 5 locomotion and movement, Ch 6 Neural control and Co-ordination, Ch 7 chemical co-ordination and integration Project work & chart, Practical File
COMPUTER	UNIT-1	Ch. 1 Numbers
	HALF-YEARLY	Ch. 2 Prepositional logic, hardware implementation, arithmetic operations, Ch. 3 Introduction to object oriented programming using java, Ch. 4 Objects, Ch. 5 Primitive values, wrapper classes, types and casting, Ch. 6 Variables and expressions, Ch. 7 statements and scope
	UNIT-2	Ch.8 Methods and constructors, Ch.9strings, CH: 10 Arrays
	FINAL	Ch.11 Basic input/output, Ch.12 Recursion, Ch. 13 Implementation of algorithms to solve problems, Ch. 14 Trends in computing and ethical issues, Ch. 15 Revision of half yearly and unit 1 syllabus Project: Project Work
PHYSICAL EDUCATION	UNIT-1	Ch 1- Concept of physical education, Ch 2-Individual Aspect and Group Dynamic, SECTION B- Badminton
	HALF-YEARLY	Ch 1- Concept of physical education, Ch 2-Individual Aspect and Group Dynamic, Ch 3-Effects of physical education on human body systems SECTION B- Badminton And Basketball
	UNIT-2	Ch 4-Nutrition, Weight Control and Exercise, Ch 5-physical fitness and wellness, Ch 6- Game and sports -A Global perapective SECTION B-Cricket and athletics

	FINAL	All chapters of class XI Book
S. U. P. W	HALF-YEARLY	Basic Craft: 1.Tie and dye on dupatta 2. Handmade bag (by using old cloth) 3. Photo frame from waste material 4. Paper mache craft Project: Personal and social hygiene
	FINAL	Basic Craft: 1. Jute Craft (round structure with fairy lights), 2. Christmas stars, 3. Fabric painting, 4. Candle making. Project: Beat plastic pollution.