



# St. Mary's Convent Inter College

Manak Nagar, Lucknow

## CLASS – 10 (Academic Session 2024-2025)

Subject	1 <sup>st</sup> Term		2 <sup>nd</sup> Term	
	First Assessment	First Term Exam	Second Assessment	Pre-Board Exam
<b>ENGLISH LANGUAGE</b>	1. Letter (Formal/ Informal) 2. Mail and Notice  <b>Project Work- 20 marks</b>	1. Essay (Narrative, Descriptive, Argumentative, Reflective, Picture Composition) 2. Letter (Formal/ Informal) 3. Notice; E- mail 4. Comprehension 5. Functional Grammar (Tenses, Prepositions, Joining sentences, Do as Directed) Total English Test Paper 1 to 7	Functional Grammar (Tenses, Prepositions, Joining Sentences, Do as Directed)	1. Total English Test Paper 8 to 15 2. Entire Syllabus of class 10
<b>ENGLISH LITERATURE</b>	<b>Julius Caesar- Act III SC- 1</b> <b>Poetry- Treasure Chest: A Collection of Short Stories and Poems- Haunted Houses</b>  <b>Project Work- 20 marks</b>	<b>Julius Caesar- Act III SC- 2 and Act IV (full)</b> <b>Poetry- Treasure Chest: A Collection of Short Stories and Poems-</b> 1. The Glove and the Lions and 2. When Great Trees Fall <b>Prose- Treasure Chest: A Collection of Short Stories and Poems-</b> 1. With the Photographer, 2. The Elevator 3. The Girl Who Can	<b>Julius Caesar- Act V (full)</b> <b>Poetry- Treasure Chest: A Collection of Short Stories and Poems-</b> 1. A Considerable Speck <u><b>To Be Taught</b></u> <u><b>Poetry- Treasure Chest: A Collection of Short Stories and Poems- The Power of Music</b></u> <b>Prose- Treasure Chest: A Collection of Short Stories and Poems-</b> 1. The Pedestrian 2. The Last Lesson	Full Syllabus (Chapters taught in Class 10)

<p><b>HISTORY AND CIVICS</b></p>	<p>CIVICS I. The Union Legislature 1. The Union Parliament</p> <p>HISTORY I. The Indian National Movement (1857-1917) 1. The First War of Independence, 1857</p> <p><b>Project Work- 20 marks</b></p>	<p>CIVICS I. The Union Legislature 1. The Union Parliament II. The Union Executive 2. The President and The Vice-President 3. Prime Minister and Council of Ministers</p> <p>HISTORY 1. The First War of Independence, 1857 2. Growth of Nationalism 3. First Phase of the Indian National Movement 4. Second Phase of the Indian National Movement 5. The Muslim League</p> <p>II. THE CONTEMPORARY WORLD 10. The First World War 11. Rise of Dictatorships 12. The Second World War</p>	<p>CIVICS III. The Judiciary 4. The Supreme Court</p> <p>HISTORY II. Mass Phase of the National Movement (1915-1947) 6. Mahatma Gandhi and the National Movement</p>	<p>CIVICS 5. The High Courts and Subordinate Courts</p> <p>HISTORY 6. Mahatma Gandhi and the National Movement 7. The Quit India Movement 8. Forward Bloc and The INA 9. Independence and Partition of India</p> <p>III. THE CONTEMPORARY WORLD 13. The United Nations 14. Major Agencies of the United Nations 15. The Non- Aligned Movement</p> <p>PRE- BOARD EXAMINATION (Entire Syllabus)</p>
<p><b>GEOGRAPHY</b></p>	<p>Chapter 1. - Interpretation of Topographical Maps. Chapter 2. - Contours Chapter 3. - Scales and Direction Chapter 4 - Map Reading and Interpretation Chapter 7- Climate Map of India</p>	<p>Chapter 7- Climate Chapter 8. - Soil Resources Chapter 9. - Natural Vegetation Chapter 10 - Water Resources Chapter 20 - Transport Chapter 1-4 – Survey Map Reading Map of India</p>	<p>Chapter 11. - Mineral Resources Chapter 12 - Conventional sources of energy Chapter 13- Non-Conventional sources of energy Map of India</p>	<p>Chapter 1-4 – Survey Map Reading Map of India Chapter 7- Climate Chapter 8. - Soil Resources Chapter 9. - Natural Vegetation Chapter 10 - Water Resources Chapter 11. - Mineral Resources Chapter 12 - Conventional sources of energy Chapter 13- Non- Conventional sources of energy Chapter 14- Agriculture-I Chapter 15- Agriculture-II Chapter 16- Agriculture-III</p>

	<b>Project Work:</b> Waste Management			Chapter 17- Agriculture-IV Chapter 18- Manufacturing Industries Chapter 19- Mineral Based Industry Chapter 20 - Transport Chapter 21 - Waste Management I Chapter 22 - Waste Management II
<b>MATHEMATICS</b>	1. Linear Inequations 2. Quadratic equations in one variable  <b>Project Work:</b> 1. Measure of central tendency 2. Constructions	1. Banking 2. Linear Inequations 3. Quadratic equations in one variable 4. Factorization 5. Reflection 6. Section Formula 7. Equation of a straight line 8. Trigonometric Identities 9. Trigonometric tables 10. Heights and distances 11. Measures of central tendency	1. Ratio and Proportion 2. Matrices	1. Banking 2. Linear Inequations 3. Quadratic equations in one variable 4. Factorization 5. Reflection 6. Section Formula 7. Equation of a straight line 8. Trigonometric Identities 9. Trigonometric tables 10. Heights and distances 11. Measures of central tendency 12. Ratio and Proportion 13. Matrices 14. GST 15. Shares and dividends 16. AP and GP 17. Similarity 18. Locus 19. Circles 20. Mensuration 21. Probability 22. Constructions

<b>PHYSICS</b>	1) Forces 2) Work, Power and Energy  <b>Project Work:</b> Ray diagrams based on formation of images through concave and convex lens.	1) Force 2) Work, Energy and Power 3) Machines 4) Refraction of Light at plane Surfaces 5) Refraction Through a Lens 6) Spectrum	1) Sound	1) Force 2) Work, Energy and Power 3) Machines 4) Refraction of Light at plane Surfaces 5) Refraction Through a Lens 6) Spectrum 7) Sound 8) Current Electricity 9) Household circuits 10) Electromagnetism 11) Calorimetry 12) Radioactivity
<b>CHEMISTRY</b>	Chapter1: Periodic Table Chapter 2: Chemical Bonding Chapter 3B: Analytical Chemistry  <b>Project Work:</b> Identification of Cations and Anions by laboratory methods.	Chapter1: Periodic Table Chapter 2:Chemical Bonding Chapter 3A:Acid bases and Salt Chapter 3B:Analytical Chemistry Chapter 4: Mole Concept and Stoichiometry Chapter 5: Electrolysis Practical Chemistry	Chapter 7: Study of Compounds: (i) Hydrogen chloride (ii) Ammonia (iii) Nitric acid (iv) Sulphuric acid	Full Course

<p><b>BIOLOGY</b></p>	<p>Chapter 2- Structure of Chromosomes, Cell Cycle and Cell Division Chapter 3- Genetics- Some Basic Fundamentals Chapter 16- Pollution</p> <p><b>Project Work:</b> Experiments based on Plant and Animal physiology.</p>	<p>Chapter 2- Structure of Chromosomes, Cell Cycle and Cell Division Chapter 3- Genetics- Some Basic Fundamentals Chapter 4- Absorption by Roots- The Processes Involved Chapter 5- Transpiration Chapter 8- The Circulatory System Chapter 9- The Excretory System Chapter 15- Population- The Increasing Numbers and Rising Problems</p>	<p>Chapter 6- Photosynthesis Chapter 7- Chemical Coordination in Plants Chapter 14- Human Evolution</p>	<p>Chapter 6- Photosynthesis Chapter 7- Chemical Coordination in Plants Chapter 10- The Nervous System Chapter 11- Sense Organs Chapter 12- The Endocrine System Chapter 13- The Reproductive System Chapter 14- Human Evolution</p> <p>PRE-BOARD EXAMINATION (Entire Syllabus)</p>
<p><b>HINDI</b></p>	<p>8. भीड़ में खोया आदमी 7. विनय के पद (प्रथम पद) ● व्याकरण:- विलोम ,पर्यायवाची शब्द, भाववाचक संज्ञा, वाक्य शुद्धिकरण, मुहावरे आदि।  ● हिंदी परियोजना- कार्य (20 marks)</p>	<p>[संक्षिप्त कहानियाँ] 8. भीड़ में खोया आदमी 7. संदेह 9. भेंड़े और भेड़िए 6. बड़े घर की बेटी (कक्षा-9) 3. महायज्ञ का पुरस्कार (कक्षा-9) [पद्य भाग] 7. विनय के पद 8. भिक्षुक 10. मातृ मंदिर की ओर 4. वह जन्म भूमि मेरी (कक्षा-9) साखी (कक्षा-9) व्याकरण: 1.प्रस्ताव लेखन 2.पत्र- लेखन(प्रार्थना पत्र, औपचारिक पत्र व अनौपचारिक पत्र) 3. अपठित गद्यांश</p>	<p>Chapter - 10 दो कलाकार Chapter -2 गिरिधर की कुंडलियाँ (कक्षा-9) ● व्याकरण: विलोम, पर्यायवाची शब्द, शब्द-शुद्धिकरण, तत्सम-तद्भव ,मुहावरे आदि।</p>	<p>[संक्षिप्त कहानियाँ] 1. बात अठन्नी की 2. काकी 3. महायज्ञ का पुरस्कार 4.नेताजी का 5. अपना-अपना भाग्य 6. बड़े घर की बेटी 7. संदेह 8. भीड़ में खोया आदमी 9. भेंड़े और भेड़िए 10. दो कलाकार [पद्य भाग] 1. साखी 2. गिरिधर की कुण्डलियाँ 3. स्वर्ग बना सकते हैं 4. वह जन्मभूमि मेरी 5. मेघ आए</p>

		4.व्यावहारिक व्याकरण ( विलोम, पर्यायवाची ,विशेषण, भाववाचक संज्ञा, मुहावरे, शब्द शुद्धिकरण, वाक्य परिवर्तन आदि।)		6. सूर के पद 7. विनय के पद 8. भिक्षुक 9. चलना हमारा काम है 10. मातृमंदिर की ओर  व्याकरण: 1.प्रस्ताव लेखन 2.पत्र- लेखन 3.अपठित गद्यांश 4.व्यावहारिक व्याकरण।
<b>COMPUTER APPLICATION</b>	Chapter 3: Arrays (Single and Double dimensional) Chapter 4: String Handling Methods  <b>Project Work</b> Project file consists of 30 programs, having 5 programs each of following topics * Decision making statements (If-else and switch case) * Iteration Statements (for and while) * Arrays (Single and Double dimension arrays) * String Handling * Methods * Class and Objects	Whole syllabus of class 9  Chapter 3 : Arrays(Single/Double dimension Arrays) Chapter 4: Character and String Manipulation Chapter 5: User Defined Methods	Chapter 5: User Defined Methods Chapter 6: Class as Basis of all computation (classes and objects) Chapter 7: Constructors	Whole syllabus of class 9  Chapter 2: Library classes Chapter 6: Class as Basis of all computation (classes and objects) Chapter 7: Constructors Chapter 8: Encapsulation and Inheritance

<p><b>VALUE EDUCATION</b></p>		<p><b>Book: Light to My Path (Series 2)</b>  Chapter 1: Live to Relate  Chapter 2: Facing Choices  Chapter 3: Self- sacrifice  Chapter 4: ‘No’ in friendships</p> <p><b>Diary</b>  Our Foundress (Pg.4 to 7)  Maxims (maxim no. 1 to 16)  Profile of a St. Marian (Pg. 19 to 21)  The Preamble and the core values enshrined in the Constitution (Pg. 24,25)</p>		<p><b>Book: Light to My Path (Series 2)</b>  Chapter 5: Drugs and Alcoholic Dependency  Chapter 6: Stress Management  Chapter 7: The Dignity of Human Labour  Chapter 8: Justice</p> <p><b>Diary</b>  CJ Culture (Pg. 15 to 18)  Maxims (maxim no .17 to 33)</p>
<p><b>S.U.P. W</b></p>		<ol style="list-style-type: none"> <li>1. Pot decoration -1</li> <li>2. Greeting cards – 2 (A3 sheet)</li> <li>3. Wall hanging - 1</li> </ol>		<ol style="list-style-type: none"> <li>4. Candle making – 2 candles</li> <li>5. Pen stand -1</li> </ol>