

ST. XAVIER'S SCHOOL, RAIGANJ

SYLLABUS FOR THE SESSION:2022-2023

CLASS X

SUBJECT	FIRST SEMESTER	2 ND UNIT TEST	BOARDS
LIT	Merchant of Venice – Act 3 Scene 3,4,5 Act 4 Scene 1 Poetry – 9. Abou Ben Adhem 10. Nine Gold Medals Stories – 8. The Blue Bead 9. My Greatest Olympic Prize 10. All Summers in a Day	Merchant of Venice –Act 4 Scene 2, Act 5 Scene 1	Entire syllabus
LANG	1) ESSAY WRITING: (300 – 350 words) (Imaginative, descriptive, argumentative, narrative, reflective, Picture Exercise and Short Story.) 2) a) LETTER - WRITING: (Personal letter and Impersonal letter.) b) NOTICE AND E-MAIL WRITING: 3) COMPREHENSION 4) FUNCTIONAL GRAMMAR: (Subject and verb Agreement, Articles, Tenses, Active and Passive voices, Direct and Indirect Speech, Prepositions, Transformation of	1) ESSAY WRITING: (300 – 350 words) (Imaginative, descriptive, argumentative, narrative, reflective, Picture Exercise and Short Story.) 2) a) LETTER - WRITING: (Personal letter and Impersonal letter.) b) NOTICE AND E-MAIL WRITING: 3) COMPREHENSION 4) FUNCTIONAL GRAMMAR: (Subject and verb Agreement, Articles, Tenses, Active and Passive voices, Direct and Indirect Speech, Prepositions, Transformation of Sentences, Synthesis of sentences, Sequence of Tenses, Adjective, Degrees of Comparison, Adverb) 5) Comprehension.	1) ESSAY WRITING: (300 – 350 words) (Imaginative, descriptive, argumentative, narrative, reflective, Picture Exercise and Short Story.) 2) a) LETTER - WRITING: (Personal letter and Impersonal letter.) b) NOTICE AND E-MAIL WRITING: 3) COMPREHENSION 4) FUNCTIONAL GRAMMAR: (Subject and verb Agreement, Articles, Tenses,

	<p>Sentences, Synthesis of sentences, Sequence of Tenses, Adjective, Degrees of Comparison, Adverb)</p> <p>5) Comprehension.</p>		<p>Active and Passive voices, Direct and Indirect Speech, Prepositions, Transformation of Sentences, Synthesis of sentences, Sequence of Tenses, Adjective, Degrees of Comparison, Adverb)</p> <p>5) Comprehension.</p>
<p>2ND LANG(Hindi)</p>	<p>I. <i>Naya Rasta (Adhaya)</i>7 to 13</p> <p>II. <i>Gadya Sankalan(poem)-</i> 1,2,3,4 (Prose)-5, 6, 7, 8</p> <p>III. <i>Ekanki- Ch- 1 and 2</i></p> <p>IV. <i>Grammar, Letter, essay and 1st unit test syllabus</i></p>	<p>V. <i>Naya Rasta (Adhaya)</i>14 to 19</p> <p>VI. <i>GadyaSankalan(poem)-</i>5,6,7 (Prose)-1, 2, 9, 10</p> <p>VII. <i>Ekanki- Ch- 3 and 4</i></p> <p>VIII. <i>Grammar, Letter, essay and 1st unit test syllabus</i></p>	<p>1) <i>Nayarasta (Adhaya)</i> – 20 to 26</p> <p>2) <i>GadyaSankalan –</i> Poem- 1, 2, 8, 9, 10 Prose- 3, 4, 5, 6, 7</p> <p>3) <i>Ekanki – ch- 5,6</i></p> <p>4) <i>Grammar , Essay ,Letter</i></p>
<p>2ND LANG (BENGALI)</p>	<p>সংকলিতা: গদ্য:- দেবতার জন্ম। ২। বামা। ৩। ক্যানভাসার পদ্য:- ১। রবিন্দ্রনাথের প্রতি ২। সিঁড়ি চাঁদের পাহাড়: অধ্যয় ৯ ও ১০ ব্যাকরণ: উক্তি পরিবর্তন, বাগধারা (ঠেটকাটা- কান ভারী করা), এক কথায় প্রকাশ (সব) , প্রবন্ধ, পত্র</p>	<p>সংকলিতা. গদ্য ১। লোকটি ২। গন্ধটা খুব সন্দেহজনক। পদ্য: ১ ফুল ফুটুক না ফুটুক। চাঁদের পাহাড়: ১১ ও ১২ ব্যাকরণ: পত্র, সমোচ্চারিত ভিন্ন অর্থে বাক্যে প্রয়োগ, বাগধারা</p>	<p>সংকলিতা: গদ্য: ১। নীল মানুষের কাহিনী। ২। গিল্লি ৩। লালু পদ্য: ১। সিঁড়ি ২। কুলি মজুর। চাঁদের পাহাড়: ১৩ ও ১৪ ব্যাকরণ: পত্র, বোধ পরীক্ষণ, প্রবন্ধ (1st unit + 1st semester+ 2nd unit grammar topics)</p>
<p>MATH</p>	<p>1. Banking and RD 2. Linear in-equation 3. Quadratic equations. 4. Matrices 5. Arithmetic progression. 6. Trigonometric identities.</p>	<p>Ch. 8 Remainder and factor theorem Ch. 11 Geometric progression Ch. 17 Circles Ch. 25 Probability</p>	<p>2nd unit + Ch.1 GST Ch.7 Ratio and proportion Ch.15 Similarity Ch. 23 Graphical solution Ch. 24 Measures of central</p>

	<p>7. Reflection 8. Section and Mid-point formula 9. Equation of line 10. Cylinder, Cone and sphere. 11. Height and distance.</p>		tendency
PHYSICS	<p>Chapter 1: Force Chapter 2: Work Energy and Power Chapter 3: Machines Chapter 4: Refraction of Light at Plane surfaces Chapter 5: Refraction through a Lens Chapter 6 : Spectrum</p>	<p>Ch – 7 sound Ch- 8 current electricity Ch- 9 household circuits</p>	<p>Ch 10 electromagnetism Ch – 11 calorimetry Ch – 12 radioactivity + 2nd unit test syllabus</p>
CHEMISTRY	<p>1- Periodic table 2- Chemical bonding 3- A :Acids bases and salts B : Analytical chemistry – use of ammonium and sodium hydroxide 4- Mole concept and stoichiometry A : Gay Lussac's law – Avogadro's law – mole concept B : Percentage composition – Empirical and molecular formula – calculations based on chemical equations 8- Organic chemistry</p>	<p>Chapters – 1,2,3,4,5,6,8</p>	<p>Chapters – Whole syllabus</p>
BIOLOGY	<p>4. Absorption by roots 5. Transpiration 6. Photosynthesis 7. Chemical co-ordination in plants +1st unit test</p>	<p>8. The Circulatory system 9. The Excretory System 10. The Nervous system and Sense Organs 15. Pollution and its Sources</p>	<p>11. Endocrine System 12. The Reproductive System 13. Pollution and related problems in India 14. Human Evolution 16. Effects of pollution + 2ND Unit Test</p>

HISTORY	Ch 4- Second phase of Indian National movement Ch5- Muslim League Civics Ch 1- Union Parliament Ch2 –President and Vice President	Ch . 6. Mahatma Gandhi and national movement. Ch 7. Quit India movement. Ch 8. Forward block and INA. Ch 9. Independence and partition of India.	Remaining all the chapters(history and civics)
GEOGRAPHY	Chapter 6-Natural Vegetation Chapter 7-Water Resources Chapter 8 & 9 -Mineral and Energy Resources (I and II)	Chapter 10,11 &12 : Agriculture in India (I,II and III)	Chapter 13,14 :Manufacturing Industries in India (I and II) Chapter 15:Transport Chapter 16:Waste Management Chapter 17:Waste Generation and Management.
COMPUTER	Chapter: 1 Chapter: 2 Chapter: 3 Chapter: 4 Chapter: 5 Chapter: 6	Chapter: 1 Chapter: 2 Chapter: 3 Chapter: 4 Chapter: 5 Chapter: 6 Chapter: 7 Chapter: 8	Chapter: 1 Chapter: 2 Chapter: 3 Chapter: 4 Chapter: 5 Chapter: 6 Chapter: 7 Chapter: 8
Commercial Studies	Ch 06: Capital and Revenue Expenditure/Income. Ch 07: Final Accounts. Ch 08: Fundamental Concepts of Cost. Ch 09: Budgeting. Ch 10: Sources of Finance Ch 14: Banking.	Ch 13: Logistic and Insurance. Ch 15: Striving For A Better Environment.	Ch 11: Recruitment, Selection and Training. Ch 12: Industrial Relations, Trade Unions and Social Security.