



**SAINT JOHN'S ACADEMY, ALLAHABAD**  
**SYLLABUS 2017-2018**  
**CLASS X**

	<p><b><u>ENGLISH LANGUAGE</u></b> <b><i>Book:- ICSE English Language Skills For Class X (Goyal Brothers Prakashan)</i></b></p>
<b>HALF YEARLY</b>	<p><b>Compositions:</b> Descriptive (Assign. 5); Argumentative (Assign. 2); Narrative (Assign. 1); Imaginative (Assign. 3) <b>Letter Writing:</b> Informal Letters (Assign. 7 pg. 23) Formal letters (Assign. 5 Pg. 70) Formal letters (Assign. 3 pg. 79) <b>Comprehension Passages :</b> Assign. 2 pg. 26 <b>Grammar</b> 1. Tenses (Assign. 1 - 5 pgs. 8 - 14) 2. Comparison of Adjectives (Assign. 16 (A-D) pgs. 29 - 32) 3. Prepositions (Assign. 17 pg. 37) 4. Direct &amp; Indirect Speech (Assign. 18, 19 pg. 42 - 45) 5. Active and Passive Voice (Assign. 20 (A-D) pgs. 48 - 51) 6. Synthesis of Sentences (Assign. 22, 23, 24 (A &amp; B) pgs. 60 - 67) 7. Transformation of Sentences - 1, 2 (Assign. 27 pgs. 73 - 74) Transformation of Sentences - 1, 2 (Assign. 28 - 33 pgs. 79 - 83)</p>
<b>PRELIMS</b>	<p><b>Compositions:</b> Reflective (Assign. 3); Picture (Assign. 5) <b>Letter Writing:</b> Letters to persons holding high offices (Assign. 5 pg. 60); Invitations (Assign. 2 pg. 35); Business letter - (Assign. 3 pg. 48) <b>Comprehension Passages :</b> Assign. 4 pg. 32 <b>Grammar</b> 1. Articles (Assign. 11 - 14 pgs. 19 - 22) 2. Agreement of verb with the subject (Assign. 15 pg. 25 - 26) 3. Conditional Sentences (Assign. 25 pg. 69) 4. Sequence of Tenses (Assign. 26 pg. 71)</p>
	<p><b><u>ENGLISH LITERATURE</u></b></p>
<b>HALF YEARLY</b>	<p><b><i>The Merchant of Venice:</i></b> Act III Scene 1 - 5 <b><i>Collection of ICSE Poems &amp; Short Stories Book</i></b> A Doctor's Journal Entry For August 6 (Poetry) ; If Thou Must Love Me (Poetry) The Bet (Prose); The Kabuliwala (Prose)</p>
<b>PRELIMS</b>	<p><b><i>The Merchant of Venice:</i></b> Act IV Scene 1 &amp; 2; Act V Scene 1 <b><i>Collection of ICSE Poems &amp; Short Stories Book</i></b> I Believe (Poetry);</p>

	A Psalm of life (Poetry) The Tiger in the Tunnel (Prose); Princess September (Prose)
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	<b><u>PHYSICS</u></b> <b><i>Book:- Concise Physics Vol. II (Selina Publishers)</i></b>
<b>HALF YEARLY</b>	1. Force, Work, Energy & Power 2. Light 3. Sound 4. Modern Physics Practicals – 1. Focal length of convex lens by u - v method. 2. Focal length by displacement method.
<b>PRELIMS</b>	1. Heat 2. Electricity and Magnetism Practicals – 1. Verification of Ohm's Law 2. Determine unknown resistance of a given sample of wire.

	<b><u>CHEMISTRY</u></b> <b><i>Book:- Concise Chemistry For Class 10 (Selina Publishers)</i></b>
<b>HALF YEARLY</b>	1. Periodic properties and variation of properties; 2. Chemical Bonding 3. Study of acids, bases and salts; 4. Analytical Chemistry; 5. Mole concept and Stoichiometry 6. Electrolysis 7. Metallurgy Practical: <b>Test For Cations</b> Effect of NaOH & NH <sub>4</sub> OH over certain salt solution
<b>PRELIMS</b>	1. Study of compounds – HCl, NH <sub>3</sub> , HNO <sub>3</sub> , H <sub>2</sub> SO <sub>4</sub> 2. Organic Chemistry. Practical: <b>Test For Anions</b> Effect of conc. HCl over copper oxides & Manganese oxide. Use of pH in soil analysis and water analysis

	<b><u>BIOLOGY</u></b> <b><i>Book:- Srijan ICSE Biology Class 10 (Srijan)</i></b>
<b>HALF YEARLY</b>	1. Cell Division; 2. Human Chromosomes; 3. Heredity and Genetics; 4. Absorption by roots 5. Ascent of Sap in plants; 6. Transpiration; 7. Photosynthesis; 8. The Circulatory System; 9. Health organization 10. Pollution. Practical: Slides of mitosis; Demonstration of osmosis, Diffusion and transpiration, Photosynthesis.
<b>PRELIMS</b>	1. Excretion – Elimination of body wastes 2. Nervous System.

	3. Sense Organ 4. Endocrine system 5. Reproductive system 6. Population 7. Aids to Health; Practical: Structure of excretory system, Circulation, Nervous system, Ear and an eye, Location of endocrine glands.
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	<b>MATHEMATICS</b> <b>Book:- ICSE Foundation Mathematics For Class X (Goyal Brothers)</b>
<b>HALF YEARLY</b>	1. Value Added Tax 2. Banking 3. Shares and Dividend 4. Linear Inequation 5. Quadratic Equation; (including word problems) 6. Matrices 7. A.P. & G.P. 8. Reflection + Mensuration (Vol. & S.A of solids) 9. Section formula 10. Eq <sup>n</sup> of a straight line.
<b>PRELIMS</b>	1. Factor & Remainder Theorem 2. Ratio & Proportion 3. Similarity 4. Loci 5. Circle (Cyclic & Tangent properties only) 6. Construction 7. Trigonometry 8. Heights & Distances 9. Statistics 10. Probability

	<b>HISTORY &amp; CIVICS</b> <b>Book:- Revised Edition - Longman History &amp; Civics For ICSE Class 10 by Vipul Singh (Pearson)</b>
<b>HALF YEARLY</b>	1. The Union Legislature; 2. The Union Executive - (a) The President; (b) The Vice President; (c) The Prime Minister and the Council of Ministers 3. The Indian National Movement (1857 - 1917) (a) The First War of Independence, 1857 (b) Factors promoting the growth of nationalism (c) First Phase of the Indian National Movement (1885 - 1907) (d) Second Phase of the Indian National Movement (1905 - 1916) 4. Mass phase of the national movement (1915-1947) (a) Mahatma Gandhi & National Movement
<b>PRELIMS</b>	(b) Quit India movement (c) Subash Chandra Bose and INA

	(d) Partition of India 5. The Contemporary World (a) the First World War (b) Rise of Dictatorships. (c) The Second World War (d) United Nations (e) Non Aligned Movement 6. The Judiciary (a) The Supreme Court (b) The High Court (c) Subordinate Courts
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	<b><u>GEOGRAPHY</u></b> <b><i>Book:- A Text Book for ICSE Geography Part II For Class 10 (Goyal Brothers)</i></b>
<b>HALF YEARLY</b>	3. Location, Extent and Physical Features (Map only) 4. The Climate of India 5. Soils in India 6. Natural vegetation of India 7. Water Resources 8. Mineral Resources of India 1. Interpretation of Topographical maps 2. Map of India
<b>PRELIMS</b>	9. Agriculture in India 10. Industries in India, Manufacturing Industries 11. Transport 12. Waste Generation and Management 1. Interpretation of Topographical maps 2. Map of India

	<b><u>COMMERCIAL APPLICATIONS</u></b> <b><i>Book:- Commercial Applications Class X (Goyal Brothers)</i></b>
<b>HALF YEARLY</b>	1. Markets & Marketing 2. Marketing Mix 3. Advertising & Brand Promotion 4. Sales & Selling Process 5. Generally accepted Accounting Principles; 6. Financial Accounting & Reporting 7. Banking & Bank Transactions
<b>PRELIMS</b>	1. Fundamental Concepts of Cost 2. Importance of Human Resources 3. Recruitment, selections & Training 4. Public Relations 5. Issues of the environment.

	<b><u>COMPUTER APPLICATIONS</u></b> <b><i>Book:- Computer Applications Class X (Dhanpat Rai Co.)</i></b>
<b>HALF</b>	1. Revision of Class IX syllabus

<b>YEARLY</b>	2. Iteration; 3. Class as a user defined type; 4. Using Library Classes; 5. Class as the base of all computation; 6. Functions 7. Arrays
<b>PRELIMS</b>	1. Constructors 2. Encapsulations; 3. Input / Output

	<b>HINDI</b> <b>Book:-</b>
<b>HALF YEARLY</b>	<p><b>1- laf{klr dgkfu;kj</b> lansg ¼t;"kadj izlkn½ ; tkequ dk isM ¼d`.k panj½</p> <p><b>2 in~; Hkkx</b> fou; ds in ¼rqylh nkl½ ; fHk{kqd ¼lw;ZdkUr f=ikBh ^fujkyk*½</p> <p><b>3 O;kdj.k&amp;</b> rn~Hko rRle] foykse] i;kZ;okph] eqgkojs] Hkkookpd laKk] okD; ifjorZuA i= &amp; ¼vkSipkfjd i= ,oa vukSipkfjd i=A½ fucU/k &amp; ¼fofHkUu fo'k;ksa ls IEcfU/kr½ vifBr x ka"KA</p>
<b>PRELIMS</b>	<p><b>1- laf{klr dgkfu;kj</b> HksM+sa vkSj HksfM+, ¼gfj"kadj ijlkBZ½ ; nks dykdj ¼eUuw HkaMkj½</p> <p><b>2 in~; Hkkx</b> pyuk gekjk dke gS ¼f"koexy flag ^lqeu*½ ; ekr`eafnj dh vksj ¼lqHkæk dqekjh pkSgku½</p> <p><b>3 O;kdj.k&amp;</b> foykse] eqgkojs] okD; ifjorZu] okD;ka"k ds fy, ,d "kCn ; fo"ks'k.kA i= &amp; ¼vkSipkfjd i= ,oa vukSipkfjd i=A½ fucU/k &amp; ¼fofHkUu fo'k;ksa ls IEcfU/kr½ vifBr x ka"KA ¼iqujko`f`Uk IEiw.kZ iqLrd ls½</p>

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