

## Syllabus of Class - XII (2025-2026)

SUBJECT	FIRST TERMINAL EXAM	SECOND TERMINAL EXAM	PRE - ISC EXAM
<b>English Language</b>	<b>Composition:</b> Essay, Report Writing, (news paper report, articles, film reviews, book reviews, testimonials), Proposal writing, Comprehension (unseen passage). <b>Grammar:</b> Transformation of Sentences of all types – Direct & Indirect, Active & Passive, Change in the Degree of Comparison. Sub-Verb Agreement, Tense and their use, Sequence for Tenses. Conditionals, Prepositions, Phrasal-Verbs, Idioms Vocabulary, One word for a group of words. Common Errors.	<b>Composition:</b> Essay, & Report Writing all types, Proposal Writing, Comprehension (unseen passage). <b>Grammar:</b> Verbs – Finite & Non-Finites (Infinitive, Gerund and Participles) using same words in sentences as Gerunds and as Participles, Sub-Verb Agreement, Tenses, Conditionals, Phrases and Clauses (Defining & Non-defining Clauses). Transformation of Sentences, Degree of Comparison, Prepositions, Phrasal Verbs, Vocabulary.	<b>Composition:</b> Essay, & Report Writing all types, Proposal Writing, Comprehension (unseen passage). <b>Grammar:</b> Transformation of Sentences (all types) Interchange of Sentences, Sequence of Tenses, Conditionals (all types), Words used a different Parts of Speech. Prepositions, Phrasal Verbs, Idioms Vocabulary – Antonyms, Synonyms, One word for a group of words, Change in the Degree of Comparison, Common Errors.
<b>English Literature</b>	Macbeth – Act 3 Scene 1,2,3. Prose- Atithi/Guest by Ranbindranath Tagore Poem- Telephonic Conversation by Wole Soyinka	Macbeth- Act 3 scene 3 and Act 4 (Complete) Prose- The Cookie Lady by Philip K. Dick and There Will come soft Rains by Ray Bradbury Poem- Tithonous by Alfred Tennyson and Beethoven by Shane Koyczan <b>+ syllabus of 1<sup>st</sup> Terminal Exam</b>	Macbeth- Act 5 (Complete) Prose- Indigo by Satyajit Ray and The Medicine Bag by Virginia Driving Hawk Sneve. Poem- Small Towns and Rivers By Mamang Dai and Death Be not Proud by John Donne. <b>(The entire portions described for ISC syllabus)</b>
<b>Hindi</b>	<u>खंड-क (भाषा) – व्याकरण</u> 1. निबंध व प्रस्ताव आदि, 2. अपठित गद्यांश 3. वाक्य शुद्धिकरण, 4. मुहावरा <u>खंड-ख (साहित्य)</u> 1. सारा आकाश (उपन्यास); उत्तरार्द्ध सुबह – अंक 1 व 2 2. आषाढ़ का एक दिन (नाटक) – अंक –3 3. गद्य संकलन (कहानी-संग्रह) – पाठ –6	<u>खंड-क (भाषा) – व्याकरण</u> 1. निबंध व प्रस्ताव आदि, 2. अपठित गद्यांश 3. वाक्य शुद्धिकरण, 4. मुहावरा <u>खंड-ख (साहित्य)</u> 1. सारा आकाश (उपन्यास); उत्तरार्द्ध साँझ – अंक 3 से 7 तक 2. आषाढ़ का एक दिन (नाटक) – अंक –1,2,3 (पुनरावृत्ति) 3. गद्य संकलन (कहानी-संग्रह) – पाठ– 7 व 8	<u>खंड-क (भाषा) – व्याकरण</u> 1. निबंध व प्रस्ताव आदि, 2. अपठित गद्यांश 3. वाक्य शुद्धिकरण, 4. मुहावरा <u>खंड-ख (साहित्य) –</u> 1. सारा आकाश (उपन्यास); उत्तरार्द्ध साँझ – अंक 8 से 10 तक 2. आषाढ़ का एक दिन (नाटक) – अंक –1,2,3 (पुनरावृत्ति) 3. गद्य संकलन (कहानी-संग्रह) – पाठ– 9 व 10
<b>Chemistry</b>	1. Chemical Kinetics 2. Coordination Compound 3. Halo alkanes and Haloarenes	4. Solution 5. d and f block 6. Alcohol, Phenol & Ether 7. Aldehyde, Ketone & Carboxylic Acids	8. Electrochemistry 9. Organic Compounds Containing Nitrogen 10. Biomolecules

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Physics	<b>Unit 1.</b> Ch - 1. Electric charges and field Ch -2 Gauss' Theorem Ch-3 Electric Potential Ch- 4 Capacitors and Dielectrics  <b>Unit 6.</b> Ch -14 Reflection of light Ch 15 Refraction of light at a plane Interface. Ch 16 Refraction of light at spherical surface. Ch 17 Refraction and Dispersion of light Ch 18 Optical Instrument.	<b>Unit 2.</b> Ch 5 Electric Resistance and Ohm's Law. <b>Unit 3.</b> Ch 7 Moving charge and magnetism Ch 8 Torque on a current-loop Ch 9: Magnetic field and earth's magnetism Ch 10: Magnetic classification of substance. <b>Unit 4.</b> Ch11 Electromagnetic induction Ch 12: Alternating current	<b>Unit 6.</b> Ch 19 Wave nature of light Ch 20 Interference of light Ch 21 Diffraction of light Ch 22 Polarisation of light.  <b>Unit 7.</b> Ch 23 Photoelectric effect Ch 24 Matter waves Ch 25 X-Rays (Concept) <b>Unit 8.</b> Ch 26 Atoms, Origin of Spectra Ch 27 Nuclear Structure Ch 28 Radioactivity Ch 29 Mass-Energy Equivalence Ch 30 Nuclear Fission and Nuclear Fusion <b>Unit 9.</b> Ch 31 Semiconductor Electronics Ch 32 Junction Diode Ch 33 Junction Transistors, Ch33 Logic gates <b>Unit 10.</b> Ch 35 Communication System
Biology	Ch – 2 Sexual Reproduction in Flowering Plants Ch – 3 Human Reproduction Ch – 4 Reproductive Health – Problems & Structure	Ch – 5 Principles of Inheritance and Variation Ch – 6 Chromosomes, sex linked Inheritance & Human Genetic Disorders Ch – 7 Molecular basis of Inheritance Ch – 10 Human Health and Diseases Ch – 11 Adolescent Issues : Alcoholism & Drugs Ch – 14 Microbes in Human Welfare + Syllabus of 1 <sup>st</sup> Term	Ch – 8 Evolution Ch – 9 Theory of Evolution & Evolution of man Ch – 15 Biotechnology :- Principles and Processes Ch – 16 Biotechnology its Applications Ch – 17 Organism & Population Ch – 18 Ecosystem Ch – 19 Biodiversity and its Conservation + Syllabus of 1 <sup>st</sup> Term & 2 <sup>nd</sup> Term
Maths	1. Relations and Functions 2. Inverse Trigonometric Functions 3. Differentiation 4. Linear Regression 5. Vector Algebra	6. Determinants 7. Integration 8. Application of Derivative 9. Probability 10. Three-dimensional Geometry (straight lines) 11. Application of Calculus in Commerce and Economics	12. Differential Equations 13. Definite Integrals 14. Three – dimensional Geometry (Planes) 15. Linear Programming Problems 16. Application of Integrals
Accounts	1. Schedule III 2. Financial Statement Analysis 3. Ratio Analysis 4. Fundamentals of Partnership	1. Cash Flow Analysis 2. Issue of Shares 3. Issue of Debentures 4. Redemption of Debentures 5. Goodwill 6. Admission of a Partner + 1 <sup>st</sup> Term	1. Retirement and Death of a partner 2. Dissolution of a Partnership + 1 <sup>st</sup> Term + 2 <sup>nd</sup> Term

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<b>Computer Science</b>	<p><b><u>Hardware</u></b> Ch – 1 Boolean Algebra</p> <ul style="list-style-type: none"> <li>Part I : Propositional Logic</li> <li>Part II: Basic postulates of Boolean algebra.</li> </ul> <p><b><u>Software</u></b> Ch – 3 Implementation of algorithm to solve Problems. Ch – 4 Objects and Classes Ch – 5 Data Types and Variables</p> <ul style="list-style-type: none"> <li>Part I : Primitives values and Data types</li> <li>Part II: Variables and Expressions</li> </ul> <p>Programming in Java (Review of class XI)</p>	<p><b><u>Hardware</u></b> Ch – 1 Part II : Theorems of Boolean Algebra Ch – 2 Computer Hardware :</p> <ul style="list-style-type: none"> <li>Logic gates and their application</li> <li>Half Adder and Full Adder, and Decoder</li> <li>Reduction by law and Karnaugh Maps</li> </ul> <p><b><u>Software</u></b> Ch – 6 Statements and Scope</p> <ul style="list-style-type: none"> <li>Conditional and Looping Statement</li> </ul> <p>Ch – 7 String Manipulation Ch – 8 Arrays Ch - 9 Methods (Functions) Ch – 10 Class as User Defined and Constructors Ch – 11 Recursion Ch – 12 Inheritance, Interfaces and Polymorphism</p>	<p><b><u>Hardware</u></b> Ch – 2 Computer Hardware:</p> <ul style="list-style-type: none"> <li>Multiplexer</li> <li>Truth table and circuits of Multiplexer</li> </ul> <p><b><u>Software</u></b> Ch – 13 Data Structure - Concept of Link list, Stack, Queue, Dequeue, Tree Ch - 14 Computational Complexity and Big O Notation</p>
<b>Economics</b>	<ol style="list-style-type: none"> <li>Elementary Theory of Demand.</li> <li>Elasticity of Demand.</li> <li>Consumer Behaviour (Utility Analysis).</li> <li>Supply and Elasticity of Supply.</li> <li>Concept of Production and Production function</li> </ol>	<ol style="list-style-type: none"> <li>Concept of Cost &amp; Revenue</li> <li>Main forms of Market</li> <li>Equilibrium Price</li> <li>Determination of Income and Employment</li> <li>Problems of Deficient and Excess Demand</li> <li>Balance of Payment and Exchange Rate</li> </ol>	<ol style="list-style-type: none"> <li>Fiscal Policy</li> <li>Government Budget</li> <li>National Income : <ol style="list-style-type: none"> <li>Circular flow of Income</li> <li>National Income and Related Aggregate</li> <li>Measurement of National Income</li> </ol> </li> </ol>
<b>Commerce</b>	<ol style="list-style-type: none"> <li>Business Environment</li> <li>Financing [up to online payment e-banking]</li> </ol>	<ol style="list-style-type: none"> <li>Financing (From Mobile banking)</li> <li>Management + <b>syllabus of 1<sup>st</sup> Term Exam</b></li> </ol>	<ol style="list-style-type: none"> <li>Marketing + <b>syllabus 1<sup>st</sup> Term Exam + syllabus of 2<sup>nd</sup> Term Exam</b></li> </ol>