

**ST. ALOYSIUS' HIGH SCHOOL, KANPUR**  
**CLASS 12: FIRST TERM SYLLABUS 2024-2025**

SUBJECTS	FIRST UNIT TEST SYLLABUS FOR 30 MARKS	HALF YEARLY EXAM SYLLABUS
<b>ENGLISH LIT</b>	<b>Short Stories:</b> 1) Atithi/ Guest <b>Poem:</b> 1) Telephone Conversation <b>Shakespeare:</b> Macbeth Act 3 scene 1,2 and 3.	<b>Short Stories: 1)</b> 2) Indigo 3) There Will Come Soft Rains. <b>Poems:</b> 1) Telephone Conversation 2) Death Be Not Proud 3) Small Towns and the River <b>Shakespeare:</b> Macbeth Act 3 and 4
<b>ENGLISH LANG</b>	1) <b>Composition</b> 2) <b>Functional Grammar</b>	1) Composition 2) Report Writing 3) Proposal Writing 4) Functional Grammar 5) Comprehension
<b>MATHS</b>	1. Relations and Functions 2. Inverse Trigonometric Functions 3. Matrices 4. Determinants 5. Continuity and Differentiability	1. Increasing and decreasing functions 2. Maxima and Minima 3. Integrals and Definite integrals 4. Differential Equations+U1
<b>PHYSICS</b>	Chapter 1: Electric charge and Fields Chapter 2: Gauss' theorem Chapter 3: Electric potential and potential energy Chapter 4: Capacitors and dielectrics Chapter 5: Electric resistances and Ohm's law Chapter 6: D.C. circuits and measurements	Chapter 7: Moving charges and Magnetism Chapter 8: Torque on a currents loop: Moving coil Galvanometer Chapter 9: Magnetic field and Earth's magnetism Chapter 10: Magnetic classification of substances Chapter 11: Electromagnetic Induction Chapter 12: Alternating Current. Chapter 13: Electromagnetic waves Chapter 14: Spherical Mirrors. Chapter 15: Refraction through plane surface Chapter 16: Refraction of light at a spherical surface: Lenses Chapter 17: Refraction and dispersion of light through a prism Chapter 18: Optical instruments Chapter 19: Wave nature of light: Huygens's principle Chapter 20: Interference of light + Syllabus of unit test 1.
<b>CHEMISTRY</b>	Chapter 10. Haloalkanes and haloarenes Chapter 2. Solutions Chapter 3. Electrochemistry	Chapter 4. Chemical kinetics Chapter 8. d- and f- block elements Chapter 12. Aldehydes, ketones and carboxylic acids

		Chapter 13. Organic compounds containing nitrogen + First unit test syllabus
<b>ECONOMICS</b>	Chapter 2. Demand: Law of Demand and Determinants of Demand Chapter 4. Elasticity of Demand Chapter 13. Money: Meaning and Functions	Chapter 3. Theory of Consumer Behaviour Chapter 5. Supply Law of Supply and Price Elasticity of Supply Chapter 6. Market Mechanism. Chapter 7. Laws of Returns Chapter 8. Cost and Revenue Analysis. Chapter 9. Forms of Market. Chapter 10. Producer's Equilibrium. Chapter 11. Determination of Equilibrium Price and Output. Chapter 12. Theory of Income and Employment Chapter 14. Banks: Commercial Banks and Central Bank Syllabus of Unit 1
<b>COMMERCE</b>	Chapter 1: Business Environment Chapter 2: Capital-Fixed and Working Chapter 3: Sources of Finance for a Joint Stock Company Chapter 4: Banking Chapter 5 : Management - Meaning, Nature and Importance.	Chapter 1,2,3,4 Chapter 5: Management- Meaning, Nature and Importance Chapter 6: Principles of Management Chapter 7: Functions of Management and Coordination Chapter 8: Planning Chapter 9: Organising Chapter 10: Staffing Chapter 11 : Directing
<b>ACCOUNTS</b>	Fundamental of Partnership Valuation and Concept of Goodwill Change in profit sharing ratio of existing partners	Admission of Partner Retirement and Death of Partner Dissolution of partnership Issue of Share Issue of Debentures
<b>HINDI</b>	काव्य मंजरी: कविता जाग तुझको दूर जाना हैं। गद्य संकलन: पाठ भक्तिन। सारा आकाश: अध्याय: 1, 2 (उत्तरार्द्ध)	काव्य मंजरी: कविता: बादल को घिरते देखा है। उद्यमीनर, अंधेरे का दीपक। 1 से 8 गद्य संकलन: पाठ: मजबूरी, दासी। 1 से 8 सारा आकाश: अध्याय: 1 से 6 व्याकरण: प्रस्ताव लेखन, अपठित गद्यांश, वाक्य शुद्धि करण, मुहावरे, लोकोक्तियाँ।
<b>COMPUTER</b>	Chapter 1: - Boolean algebra Chapter 2: - Computer hardware Chapter 4: - Java revision tour Chapter 8 :- Arrays and String	Unit 1 Syllabus and Chapter 12: - Concert of inheritance Chapter 13: - Simple data structure Chapter 11 :- Recursive

ALL THE BEST

**ST. ALOYSIUS' HIGH SCHOOL, KANPUR**  
**CLASS 12: SECOND TERM SYLLABUS 2024-2025**

SUBJECTS	FIRST PRE-BOARD SYLLABUS	SECOND PRE-BOARD SYLLABUS
<b>ENGLISH LIT</b>	<b>Short Stories: 1)</b> 1) Atithi/ Guest 2) Indigo 3) There Will Come Soft Rains. <b>Poems:</b> 1) Telephone Conversation 2) Death Be Not Proud 3) Small Towns and the River <b>Shakespeare:</b> Macbeth Act 3 scene 1,2,3 and 4.	<b>Short Stories: 1)</b> 1) Atithi/ Guest 2) Indigo 3) There Will Come Soft Rains. <b>Poems:</b> 1) Telephone Conversation 2) Death Be Not Proud 3) Small Towns and the River <b>Shakespeare:</b> Macbeth Act 3 scene 1,2,3 and 4.
<b>ENGLISH LANG</b>	<b>1) Composition</b> <b>2) Report Writing</b> <b>3) Proposal Writing</b> <b>4) Functional Grammar</b> <b>5) Comprehension</b>	<b>SAME AS FIRST PRE-BOARD</b>
<b>MATHS</b>	1. Probability 2. Vectors and 3-D/Application of derivatives in commerce and economics. 3. Application of Integrals /Linear Programming +HY	1. 3 Dimensional Geometry continued/Linear Regression+1st Preboard
<b>PHYSICS</b>	Chapter 21: Diffraction of light Chapter 22: Polarization of light Chapter 23: Photoelectric effect Chapter 24: Matter waves. Chapter 25: X-rays Chapter 26: Atoms, Origin of spectra: Bohr's Theory of hydrogen atom Chapter 27: Nuclear structure. Chapter 28: Radioactivity Chapter 29: Mass-Energy equivalence: Nuclear binding energy Chapter 30: Nuclear fission and nuclear fusion: sources of energy + Syllabus of unit test 1 and Half Yearly.	Chapter 31: Semiconductor electronics Chapter 32: Junction diode Chapter 33: Junction transistor Chapter 34: Logic Gates Chapter 35: Communication system + Syllabus of unit test 1, Half Yearly and Pre Board 1.
<b>CHEMISTRY</b>	Complete syllabus EXCEPT Chapter 15: Polymers Chapter 5: Surface chemistry Chapter 6: General principles and processes of isolation of elements	Complete syllabus
<b>ECONOMICS</b>	Chapter 15. Balance of Payments and Exchange Rates Chapter 16. Fiscal Policy Chapter 17. Government Budget	

	Chapter 18. National Income and Circular Flow of Income Chapter 19. National Income Aggregates Chapter 20. Methods of Measuring National Income +Syllabus Of Half Yearly Exam	Full Syllabus
<b>COMMERCE</b>	Chapter 1 to 11 Chapter 12: Controlling Chapter 13: Marketing- Concept and Functions Chapter 14: Marketing Mix	Chapter 1 to 14 Chapter 15: Consumer Protection
<b>ACCOUNTS</b>	Comparative and Common Size Statements Cash Flow Statement Redemption of Debentures	Financial statements Analysis Financial Statement of Companies Ratio Analysis + FULL SYLLABUS
<b>HINDI</b>	FULL SYLLABUS व्याकरण: प्रस्ताव लेखन, अपठित गद्यांश, वाक्य शुद्धि करण, मुहावरे, लोकोक्तियाँ।	FULL SYLLABUS
<b>COMPUTER</b>	<b>Chapter 1: - Boolean algebra</b> <b>Chapter 2: - Computer hardware</b> <b>Chapter 4: - Java revision tour</b> <b>Chapter 8: - Arrays and String</b> <b>Chapter 12 :- Concert of inheritance Chapter 13 :- Simple data structure</b> <b>Chapter 11 :- Recursive</b>	Full syllabus from chapter 1 to 15