

**LAKSHMIPAT SINGHANIA ACADEMY**

**SYLLABUS FOR PRE- BOARD-1 (CLASS 12)**

**2024-2025**

Subject	Class XII (PRE- BOARD-1)
English	<p><b><u>Reading Skill</u></b></p> <p>1. Unseen Comprehension</p> <p><b><u>Writing Skill</u></b></p> <p>2. Formal &amp; Informal Invitation and reply 3. Notice Writing 4. Letter to the Editor 5. Letter of Job Application 6. Report writing 7. Article writing</p> <p><b><u>Literature</u></b></p> <p>8. The Last Lesson 9. The Enemy 10. The Rattrap 11. Lost Spring 12. Journey to the End of the Earth 13. The Interview 14. The Tiger King 15. Deep Water 16. Poets &amp; Pancakes 17. On the Face Of It 18. Going places 19. My Mother at Sixty Six 20. Aunt Jennifer's Tigers 21. A Roadside Stand 22. A Thing of Beauty 23. Keeping Quiet 24. Indigo</p>

	25. Memories of Childhood
Mathematics	<ol style="list-style-type: none"> <li>1. Relations and Functions</li> <li>2. Inverse Trigonometric functions</li> <li>3. Matrices</li> <li>4. Determinants</li> <li>5. Continuity and differentiability</li> <li>6. Application of derivatives</li> <li>7. Integrals</li> <li>8. Application of Integrals</li> <li>9. Differential Equations</li> <li>10. Vectors</li> <li>11. Three dimensional geometry</li> </ol>
Applied Mathematics	<ol style="list-style-type: none"> <li>(i) Modular Arithmetic and Quantification</li> <li>(ii) Linear In equation</li> <li>(iii) Matrices and its application</li> <li>(iv) Determinants and its application</li> <li>(iv) Second order Derivatives and Application of derivatives</li> <li>(v) Integrations and their application , Differential equations</li> <li>(vi) Probability Distribution</li> <li>(vii) Financial Mathematics</li> <li>(viii) L.P.P</li> </ol>
Physics	<ol style="list-style-type: none"> <li>1. ELECTROSTATICS I AND II</li> <li>2. CURRENT ELECTRICITY</li> <li>3. MAGNETIC EFFECT AND MAGNETISM</li> <li>4. EM INDUCTION AND AC</li> <li>5. EM WAVES</li> <li>6. OPTICS</li> <li>7. DUAL NATURE OF MATTER AND RADIATION</li> <li>8. ATOMS AND NUCLEI</li> <li>9. SEMICONDUCTORS AND DEVICES</li> </ol>
Chemistry	<ol style="list-style-type: none"> <li>1. Haloalkanes and haloarenes</li> <li>2. Alcohol, phenols and ethers</li> </ol>

	<ol style="list-style-type: none"> <li>3. Aldehydes, ketone and carboxylic acids</li> <li>4. Organic compounds containing Nitrogen</li> <li>5. Biomolecules</li> <li>6. d and f block elements</li> <li>7. Coordination compounds</li> <li>8. Electrochemistry</li> <li>9. Solutions</li> <li>10. Chemical kinetics</li> </ol>
Biology	<ol style="list-style-type: none"> <li>1. Chapter-2: Sexual Reproduction in Flowering Plants</li> <li>2. Chapter-3: Human Reproduction</li> <li>3. Chapter-4: Reproductive Health</li> <li>4. Chapter-5: Principles of Inheritance and Variation</li> <li>5. Chapter-6: Molecular Basis of Inheritance</li> <li>6. Chapter-7: Evolution</li> <li>7. Chapter-8: Human Health and Diseases</li> <li>8. Chapter-10: Microbes in Human Welfare</li> <li>9. Chapter-11: Biotechnology - Principles and Processes</li> <li>10. Chapter-12: Biotechnology and its Applications</li> <li>11. Chapter-13: Organisms and Populations</li> <li>12. Chapter-14: Ecosystem</li> <li>13. Chapter-15: Biodiversity and its Conservation</li> </ol>
Computer Science	<ol style="list-style-type: none"> <li>1. Computational Thinking and Programming</li> <li>2. Computer Networks</li> </ol>
Economics	<p>Macroeconomics:</p> <ul style="list-style-type: none"> <li>• National income Accounting</li> <li>• National Income Determination</li> <li>• Government Budget</li> <li>• Money and Banking</li> <li>• Balance of payment and Foreign Exchange</li> </ul> <p>Indian Economic Development:</p> <ul style="list-style-type: none"> <li>• Indian Economy on the Eve of independence</li> <li>• Indian Planning system(1950-1990)</li> <li>• New Economic Policy</li> </ul>

	<ul style="list-style-type: none"> <li>• Rural Development</li> <li>• Human Capital Formation</li> <li>• Employment</li> <li>• Sustainable Development</li> </ul>
Accountancy	<p><b><u>Company Accounts:</u></b></p> <ol style="list-style-type: none"> <li>1.Issue of Shares.</li> <li>2.Issue of Debentures.</li> <li>3.Company Balance Sheet- (Presentation of Share Capital in Company Balance Sheet).</li> </ol> <p><b><u>Partnership –</u></b></p> <ol style="list-style-type: none"> <li>1.Partnership Fundamentals</li> <li>2.Admission of a Partner</li> <li>3.Retirement of a Partner</li> <li>4.Death of a Partner.</li> <li>5.Change in Profit Sharing Ratio.</li> </ol> <p><b><u>Financial Statement Analysis:</u></b></p> <ol style="list-style-type: none"> <li>1.Major Headings and Subheadings of Company Balance Sheet and Statement of Profit and Loss;</li> <li>2.Theory Chapter on Financial Statement Analysis.;</li> <li>3.Comparative Statement;</li> <li>4.Common Size Statement;</li> <li>5.Ratio Analysis.</li> <li>6.Cash Flow Statement.</li> </ol>
Business Studies	<p><b><u>From Book -1</u></b></p> <ol style="list-style-type: none"> <li>1.Nature &amp; Characteristics of Management.</li> </ol>

	<p>2.Principles of Management</p> <p>3.Business Environment.</p> <p>4.Planning;</p> <p>5.Organising;</p> <p>6.Staffing;</p> <p>7.Controlling;</p> <p>8.Directing</p> <p><b><u>From Book 2:</u></b></p> <p>9. Marketing.</p> <p>10. Financial Markets</p>
Entrepreneurship Development	<p>Unit 1 - Entrepreneurial Opportunity.</p> <p>Unit 2 - Enterprise planning.</p> <p>Unit 3 - Enterprise Marketing.</p> <p>Unit 4 - Enterprise Growth Strategies.</p> <p>Unit 5 - Business Arithmetic.</p>
Psychology	<p>1) Variations in Psychological Attributes.</p> <p>2) Self and Personality.</p> <p>3) Meeting Life Challenges.</p> <p>4)Psychological Disorders</p> <p>5) Theraputic Approaches</p> <p>6) Attitudes and Social Cognitions .</p> <p>7) Group Influences and Group Processess.</p> <p>( complete CBSE syllabus)</p>
Commercial Art	<p>Theory -Rajasthani,Mughal, Pahari &amp; Deccan miniature painting.NewEra in Indian art, National flag, Painting of Bengal School, contribution Indian artist towards National Freedom Movement, Modern painting, Graphics, Sculpture &amp; The living art tradition of India</p>

	practical - Illustration -National events and celebration & professionals /professions . poster -Community &: nature development,Idea-social, National and International
Legal Studies	<ol style="list-style-type: none"> <li>1. Judiciary</li> <li>2. Alternative Dispute Resolution</li> <li>3. Law of Contract</li> <li>4. Law of Torts</li> <li>5. Law of Property</li> <li>6. Intellectual Property Law</li> <li>7. Law and Sustainable Development</li> <li>8. Forms of Legal Entities</li> <li>9. Criminal Laws in India</li> <li>10. Legal Profession in India</li> <li>11. Legal Services</li> <li>12. Human Rights</li> <li>13. Human Rights Violations - Complaint Mechanism</li> </ol>
Sociology	<ol style="list-style-type: none"> <li>1. Demographic Structure of the Indian Society</li> <li>2. Social Institutions</li> <li>3. Patterns of Social Inequality and Exclusion</li> <li>4. Challenges of Cultural Diversity</li> <li>5. Structural Change</li> <li>6. Cultural Change</li> <li>7. Change and Development in Rural Society</li> <li>8. Change and Development in Industrial Society</li> </ol>
Political Science	<ol style="list-style-type: none"> <li>1. End of Bipolarity</li> <li>2. Alternative Centres of power</li> <li>3. Contemporary South Asia</li> <li>4. International Organisations</li> <li>5. Security in the Contemporary World</li> <li>6. Challenges of Nation Building</li> <li>7. Era of One Party Dominance</li> <li>8. Challenges to and Restoration of the Congress System</li> <li>9. Crisis of Democratic Order</li> </ol>

	<p>10. Recent Developments in Indian Politics</p> <p>11. Environment and Natural Resources</p> <p>12. Globalisation</p>
Financial Markets Management	<p>Chapter 1: Introduction to Indian Securities Market and Trading.</p> <p>Chapter 2: Trading.</p> <p>Chapter 3: Clearing Settlement and Legal framework.</p> <p>Chapter 4: Financial Statements Analysis.</p> <p>Chapter 5: Introduction to derivatives.</p> <p><b><u>Employability skills</u></b></p> <p>Communication Skills;</p> <p>ICT Skills;</p> <p>Self Management;</p> <p>Entrepreneurial Skills.</p>
Web Application	<p><b><u>PART A</u></b></p> <p><b><u>Employability Skills</u></b></p> <p>Unit 1 : Communication Skills</p> <p>Unit 2 : Self-Management Skills</p> <p>Unit 3 : ICT Skills</p> <p>Unit 4 : Entrepreneurial Skills</p> <p>Unit 5 : Green Skills</p> <p><b><u>PART B</u></b></p> <p><b><u>Subject Specific Skills</u></b></p> <p>Unit 1: Movie Editing Tools</p> <p>Unit 2: Customizing and Embedding Multimedia Components in Web Pages</p> <p>Unit 3: Web Scripting – Java Script</p> <p>Unit 4: Work Integrated Learning IT– WA-II</p>
Food, Nutrition & Dietetics	<p>Unit 1.Clinical and Therapeutic Nutrition</p> <p>Unit 2.Diet in Health and Disease I</p> <p>Unit 3.Diet in Health and Disease II</p>

	<p><b><u>Employability Skills</u></b></p> <p>Communication skill</p> <p>Self Manager skill</p> <p>Entrepreneur skill</p> <p>IT skill</p> <p>Green skill</p>
Mass Media Studies	<p>Unit 1- Selling / Marketing/ Exhibiting a product through advertising</p> <p>Unit 2 - Introduction to production process</p> <p>Unit 3 - New Media</p> <p>Unit 4 - Creative contribution of people in - Print, Television, Film, Radio and Internet</p> <p>Subject skills from class 11 text book also to be revised for technical content.</p> <p><b><u>Employability skills:</u></b> Communication skills, Green skills, Self Management, IT skills &amp; Entrepreneurial skills.</p>
Fashion Studies	<p>Chapter 1(history of fashion)</p> <p>chapter 2(basic pattern development)</p> <p>chapter 3 (elements of fashion)</p> <p>Employability skills full book</p>