



# Sir Padampat Singhania Education Centre

Kamla Nagar Kanpur

**Syllabus for Pre Board - I Examination (2020-2021)**

**Class - 12**

<p><b>English (301):</b></p> <p><b>Reading Section</b></p> <p><b>1. Comprehension</b></p> <p><b>Writing Section</b></p> <p>1. Notice Writing 2. Classified Advertisements 3. Article Writing 4. Report Writing 5. Invitation and Replies 6. job Application 7. Letter to the Editor</p> <p><b>Literature</b></p> <p><b>Flamingo</b></p> <p>1.The Last Lesson 2.The Lost Spring 3. Deep Water 4.The Rattrap 5.Indigo 6.My Mother at Sixty Six 7.An Elementary School Classroom In a Slum 8.Keeping Quiet 9. A Thing Of Beauty 10. Aunt Jennifer's Tigers</p> <p><b>Vistas</b></p> <p>1.The Third Level 2.The Enemy 3.Should Wizard Hit Mommy 4. On the Face of It</p> <p><b>Maths (041):</b></p> <p>1. Relations and Functions 2. Inverse Trigonometric Functions 3. Matrices 4. Determinants 5. Continuity and Differentiability 6. Applications of Derivatives 7. Integrals 8. Applications of Integrals 9. Differential Equations 10. Vectors 11. Three - Dimensional Geometry 12. Linear Programming 13. Probability</p>	<p><b>Hindi (302) :</b></p> <p><b>Hindi (302) :</b></p> <p>(१) अपठित अंश</p> <ul style="list-style-type: none"><li>• अपठित गद्यांश</li><li>• अपठित पद्यांश</li></ul> <p>(२) आरोह भाग - (काव्य खंड)</p> <ul style="list-style-type: none"><li>• एक गीत</li><li>• क वता के बहाने</li><li>• कैमरे में बंद अपाहिज</li><li>• सहर्ष स्वीकारा है</li><li>• उषा</li><li>• क वतावली</li><li>• लक्ष्मण मूर्छा और राम का वलाप</li><li>• रुबाइयों</li><li>• गजल (गद्य भाग)</li><li>• भक्तिन</li><li>• बाजार दर्शन</li><li>• काले मेघा पानी दे</li><li>• पहलवान की ढोलक</li><li>• नमक</li><li>• श्रम वभाजन और जाति प्रथा</li><li>• मेरी कल्पना का आदर्श समाज</li></ul> <p>(३) वतान भाग -२ (पूरक पुस्तक से)</p> <ul style="list-style-type: none"><li>• सल्वर वै डंग</li><li>• जूझ</li><li>• अतीत में दबे पांव</li><li>• डायरी के पन्ने</li></ul> <p>(४) कार्यालयी हिन्दी और रचनात्मक लेखन -</p> <ul style="list-style-type: none"><li>• रचनात्मक लेखन औपचारिक पत्र लेखन (अ भव्यवक्ति और माध्यम पुस्तक)</li><li>• व भन्न माध्यमों के लए लेखन</li><li>• पत्रकारीय लेखन के व भन्न रूप और लेखन प्र क्रया(समाचार लेखन- उल्टा परा मड शैली ,क्रीचर लेखन ,आलेख)</li><li>• वशेष लेखन - स्वरूप और प्रकार</li><li>• कैसे बनती है क वता/</li><li>• नाटक लखने का व्याकरण /</li><li>• कैसे लखे कहानी</li><li>• कैसे करें कहानी का नाट्य रूपांतरण</li></ul>
<p><b>Physics (042) :</b></p> <p>1. Electrostatics 2. Current Electricity 3. Magnetic effects of current and Magnetism 4. Electro Magnetic induction and Alternating current 5. Electromagnetic waves 6. Ray and Wave Optics 7. Dual nature of Radiation and Matter 8. Atoms and Nuclei 9. Electronics Devices</p>	<p><b>Informatics Practices (065) :</b></p> <p>Python programming Class 11 Pandas- I Data visualization DBMS with MySQL Computer Networking Societal impacts</p>
<p><b>Chemistry (043) :</b></p> <p>1. Solid State 2. Solution 3. Electrochemistry 4. Chemical kinetics 5. Surface Chemistry 6. P block 7. D and F block elements 8. Coordination Chemistry 9. Haloalkanes and Haloarenes 10. Alcohol , Phenol and Ether 11. Aldehyde, ketones and Carboxylic acid 12. Amines 13. Biomolecules</p>	<p><b>Biology(044):</b></p> <p>1. Reproduction 2. Genetics and evolution 3. Biology in human welfare 4. Biotechnology 5. Ecology</p> <p><b>Biotechnology (045):</b></p> <p>1. Recombinant DNA technology 2. Protein structure and engineering 3. Genomics proteomics bioinformatics 4. Microbial cell culture 5. Plant cell culture 6. Animal cell culture</p>

<p><b>Accountancy(055) :</b></p> <ol style="list-style-type: none"> <li>1. Financial statements of Not For Profit Organizations</li> <li>2. Accounting for Partnership Firms- Fundamentals</li> <li>3. Goodwill- Nature and Valuation</li> <li>4. Change in Profit Sharing Ratio Among The Existing Partners</li> <li>5. Admission of a Partner</li> <li>6. Retirement of a Partner</li> <li>7. Death of a Partner</li> <li>8. Dissolution of Partnership Firm</li> <li>9. Company Accounts- Accounting for Share Capital</li> <li>10. Company Accounts - Issue of Debentures</li> <li>11. Financial Statements of a Company</li> <li>12. Financial Statement Analysis</li> <li>13. Tools of Financial Statements Analysis - Comparative Statements and Common Size Statements</li> <li>14. Accounting Ratios</li> <li>15. Cash Flow Statement</li> </ol>	<p><b>Business Studies (054):</b></p> <p><b>Part A : Principles and Functions of Management</b> CHAPTERS:</p> <ol style="list-style-type: none"> <li>1. Nature and Significance of Management</li> <li>2. Principles of Management</li> <li>3. Business Environment</li> <li>4. Planning</li> <li>5. Organising</li> <li>6. Staffing</li> <li>7. Directing</li> <li>8. Controlling</li> </ol> <p><b>Part B : Business Finance and Marketing</b> CHAPTERS:</p> <ol style="list-style-type: none"> <li>9. Financial Management</li> <li>10. Financial Markets</li> <li>11. Marketing Management</li> <li>12. Consumer Protection</li> </ol>
<p><b>Economics (030) :</b></p> <p><b>Introductory Macroeconomics</b> Unit 1: National Income and Related Aggregates Unit 2: Money and Banking Unit 3: Determination of Income and Employment Unit 4: Government Budget and the Economy Unit 5: Balance of Payment</p> <p><b>Indian Economic Development</b> Unit 6: Development Experience (1947-90) and Economic Reforms since 1991 Unit 7: Current Challenges facing Indian Economy Unit 8: Development Experience of India – A Comparison with Neighbours</p>	<p><b>Fine Art (049):</b> The Rajasthan and Pahari School of Miniature Painting The Mughal and Deccan School of Miniature painting The Bengal School of Painting The Modern Trends in Indian Art</p> <p><b>Entrepreneurship (066) :</b> Unit:1. Entrepreneurial Opportunity Unit:2. Enterprise Planning Unit:3. Enterprise Marketing Unit:4. Enterprise Growth Strategies Unit:5. Business Arithmetic Unit:6. Resource Mobilization</p>
<p><b>History (027) :</b></p> <p><b>Book:Indian History(Part 1)</b> 1-Bricks,Beads And Bones 2 - Kings Farmers And Towns 3- Kinship,Caste And Class 4- Thinkers,Beliefs And Buildings</p> <p><b>Book:Indian History(Part 2)</b> 5- Bhakti-Sufi Traditions 6-An Imperial Capital:Vijayanagara 7- Kings And Chronicles</p> <p><b>Book:Indian History (Part 3)</b> 8.Colonialism And The Countryside 9. Rebels And The Raj 10.Mahatma Gandhi And The Nationalist Movement</p>	<p><b>Legal Studies 074):</b> Unit 1. Judiciary Unit 2. Topics of Law Unit 3. Arbitration,Tribunal Adjudication and Alternative Dispute Resolution Unit 4.Human Rights in India Unit 5. Legal Profession in India Unit 6. Legal Services Unit 7. International Context</p>
<p><b>Sociology (039):</b></p> <p><b>Book 1</b></p> <ol style="list-style-type: none"> <li>1. The Demographic Structure of the Indian Society</li> <li>2. Social Institutions:Continuity and Change</li> <li>3. Patterns of Social Inequality and Exclusion</li> <li>4. The Challenges of Cultural Diversity</li> </ol> <p><b>Book 2</b></p> <ol style="list-style-type: none"> <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> <li>9. Social Movements</li> </ol>	<p><b>Kathak Nritya (056):</b> 1.all classical dances,2.gharanas 3.abhinaya 4.rasas 5.definitions 6 short notes 7.technical terminology</p> <p><b>Vocal Music (034):</b> Raag Bhairav,Raag Malkosh,Raag Bageshree,Raag Shudh Sarang,Jhap Taal,Tilwada Taal,Roopak Taal,Dhamar Taal,Sangeet Ratnakar, Sangeet Parijat, Tuning of Tanpura and it's parts,Time theory of Raag,Identification of Raag, Biography of Bade Gulam Ali Khan,Kareem Khan ,Pt. Krishna Rao Shankar,Faiyazz Khan, Definitions</p>
<p><b>Political Science (028):</b></p> <p><b>Book : Contemporary World Politics</b></p> <ol style="list-style-type: none"> <li>1.Cold War Era and Non- aligned Movement</li> <li>2.The End of Bipolarity</li> <li>3.New Centers of Power</li> <li>4.South Asia and the Contemporary World</li> <li>5.United Nations and its Organizations</li> <li>6.Globalisation</li> </ol> <p><b>Book: Politics in India since Independence</b></p> <ol style="list-style-type: none"> <li>7.Challenges of Nation Building</li> <li>8.Planning and Development</li> <li>9.India's Foreign Policy</li> <li>10.Parties and Party Systems in India</li> <li>11.Democratic Resurgence</li> <li>12.Indian Politics : Trends and Developments</li> </ol>	<p><b>Physical Education (048):</b></p> <ol style="list-style-type: none"> <li>1. Planning in sports</li> <li>2. Sports &amp; Nutrition</li> <li>3. Yoga &amp; Lifestyle</li> <li>4. Physical Education &amp; Sports for CWSN (Children's with special needs-Divyang)</li> <li>5. Children &amp; Women in sports</li> <li>6. Test &amp; Measurement in sports</li> <li>7. Physiology &amp; Injuries in Sports</li> <li>8. Biomechanics &amp; Sports</li> <li>9. Psychology &amp; Sports</li> <li>10. Training in Sports</li> </ol>