



Sir Padampat Singhania Education Centre

Kamla Nagar Kanpur

Annual Syllabus (2020-2021)

Class - 11

<p>English (301): Reading : Comprehension, Note-Making Grammar: Determiners, Tenses Writing : Notice Writing, Letter of Placing an Order , Letter of Complaint, Letter to the School and College authorities, Letter of making Enquiries , Speech Writing, Debate Writing Literature: Book : Hornbill Poem: A Photograph, Childhood, Voice of the Rain, The Laburnum Top Prose: The Portrait of a Lady, We're Not Afraid to Die, The Ailing Planet: The Green Movement's Role, The Landscape of the Soul, The Browning Version, Silk Road, Discovering Tut: The Saga Continues Book: Snapshots Prose: The Summer of the Beautiful White Horse, The Address, Ranga's Marriage, Mother's Day, Albert Einstein at School, Birth</p>	<p>Hindi (302): अपठित बोध अपठित गद्यांश अपठित काव्यांश आरोह भाग-१ (काव्य खंड) कबीर के पद मीरा के पद वे आर्षे घर की याद गज़ल आओ मिलकर बचाएं आरोह भाग - १ (गद्य खंड) नमक का दरोगा मियां नसीरुद्दीन गलता लोहा</p> <p>स्पीति में बारिश जामून का पेड़ भारत माता, कार्यालय हिंदी व रचनात्मक लेखन (अभिव्यक्ति और माध्यम पुस्तक के आधार पर) पत्र (औपचारिक/ अनौपचारिक) रचनात्मक लेखन प्रतिवेदन परिपत्र कार्य सूची/ कार्यवृत्त जनसंचार माध्यम पत्रकारिता के विविध आयाम शब्दकोश एक परिचय पूरक पुस्तक वितान - भाग - १ भारतीय गायिकाओं में बेजोड़ लता मंगेशकर राजस्थान की रजत बूँदें आलो आंधारि</p>
<p>Mathematics (041) : 1.Sets 2.Relations and Functions 3.Trigonometric Functions 4.Complex Numbers and Quadratic Equations 5.Linear Inequalities 6.Permutations and Combinations 7.Sequences and Series 8.Straight Lines 9.Conic Sections 10.Introduction to Three -dimensional Geometry 11.Limits and Derivatives 12.Statistics 13.Probability</p>	<p>Informatics Practices (065): 1.Getting started with python 2.Python programming Fundamentals 3. Conditional and looping constructs 4. List in python 5. Dictionary 6.Database concepts 7. Structured query language 8. Single row functions in sql 9 Emerging Trends</p>
<p>Physics (042) : 1. Units & Measurement (Dimensional Analysis) 2. Motion in a straight line 3. Motion in a Plane 4. Laws of Motion 5. Work Power and Energy 6. Gravitation 7. Mechanical Properties of Solids (Elasticity) 8. Mechanical Properties of Fluids (Flow of liquids) 9. Thermodynamics 10.Oscillations 11. Waves</p>	<p>Chemistry (043) : 1. Some basic concepts 2. Atomic structure 3. Periodic table 4. Chemical bonding 5. States of matter 6. Equilibrium 7. Thermodynamics 8. Redox reactions 9. Hydrogen 10. GOC 11. Hydrocarbon</p>

<p>Biology (044):</p> <ol style="list-style-type: none"> 1. human physiology 2. plant physiology 3. cell structure and function 4. structural organisation in plants and animals 5. diversity in living world 	<p>Biotechnology (045):</p> <ol style="list-style-type: none"> 1. molecules of life 2. concepts of genetics 3. genes and genome 4. basic unit of life 5. cell growth and development
<p>Accountancy (055) :</p> <p>Accounting Equations Books of Original Entry: Journal Entry and Ledger Books of Original Entry: Cash Book Bank Reconciliation Statement Trial Balance and Errors Depreciation Provisions and Reserves Bills of Exchange Rectification of errors Final Accounts- without Adjustment Final Accounts- with Adjustment Single Entry system</p>	<p>Entrepreneurship (066) :</p> <ol style="list-style-type: none"> 1. Entrepreneurship: Concept and Functions 2. An Entrepreneur 3. Entrepreneurial Journey 4. Entrepreneurship as Innovation and Problem solving 5. Concept of Market 6. Business Finance and Arithmetic 7. Resource Mobilization
<p>Business Studies (054):</p> <ol style="list-style-type: none"> 1. Business, Trade and Commerce 2. Forms of Business Organisation 3. Private, Public and Global enterprises 4. Business Services 5. Emerging Modes of Business 6. Social Responsibilities of Business and Business Ethics 7. Formation of a Company 8. Sources of Business Finance 9. Small Business 10. Internal Trade 11. International Business 	<p>Fine Art (049):</p> <p>Unit- 1</p> <p>Ch.1- Miniature painting</p> <p>Ch.2- Rajasthani School of Painting</p> <p>Origin and development Sub Schools Main characteristics Paintings:-</p> <ol style="list-style-type: none"> a. Maru Ragini b. Raja Aniruddha Singh Hara c. Chaugan Players d. Krishna on Swing e. Radha f. Bharat Meets Ram at Chitrakuta <p>Ch.3- The Pahari School of Painting</p> <ol style="list-style-type: none"> a. Krishna with Gopis b. Nand Yashoda and Krishna with Kinsmen Going to Vrindavana
<p>Economics (030) :</p> <p>Part - A Statistics for Economics</p> <ol style="list-style-type: none"> 4. Organisation of Data 5. Presentation of Data-Textual and Tabular 6. Diagrammatic Presentation of Data-Bar Diagrams and Pie Diagrams 7. Frequency Diagrams-Histogram, Polygon and Ogive 9. Measures of Central Tendency-Arithmetic Mean 10. Measures of Central Tendency-Median and Mode 11. Measures of Dispersion 12. Correlation 13. Index Number <p>Part - B Introductory Microeconomics</p> <ol style="list-style-type: none"> 3. Consumer's Equilibrium- Utility Analysis 4. Consumer's Equilibrium - Indifference Curve Analysis 5. Theory of Demand 6. Price Elasticity of Demand 7. Production Function & returns to a factor 8. Concepts of Cost 9. Concept of Revenue 11. Theory of Supply 12. Forms of Market 13. Market Equilibrium under Perfect Competition & effects of shifts in demand and supply. 	<p>Legal Studies (074):</p> <p>Unit 1-Theory and Nature of Political Institutions Ch-2 Organs of Government Ch-3 Separation of Powers Ch4- Basic Features of the Constitution of India</p> <p>Unit 2- Nature and Sources of Laws Ch- 2 Classification of Law Ch-3 Sources of Law Ch - 4 Law Reform</p> <p>Unit- 3 Historical Evolution of the Indian Legal System Ch1 Ancient Indian Law Ch 3 Making of the Indian Constitution Unit 4 Judiciary: Constitutional, Civil and Criminal Courts and Processes Unit 5- Family Justice System</p>
<p>History (027):</p> <p>Theme 2: Writing and City Life Theme 3: An Empire Across Three Continents Theme 4: The Central Islamic Lands Theme 6 : The Three Orders Theme 7 : Changing Cultural Traditions Theme 9 : The Industrial Revolution Theme 10: Displacing Indigenous Peoples Theme 11 : Paths to Modernisation</p>	<p>Kathak Nritya (056):</p> <p>Historical development of kathak, theia of teen tal, dadra tal kaharwa tal ,jhap tal, biography of Birju Maharaj, Bindadeen Maharaj, hast Mudras, definitions</p>

<p>Sociology (039): Part A: Introducing Sociology Chapters 1. Sociology, Society and its relationship with other Social Science disciplines 2. Terms, concepts and their use in Sociology 3. Understanding Social Institutions 4. Culture and Socialisation Part B: Understanding Society Chapters 1. Social Change and Social order in Rural and Urban Society 2. Introducing Western Sociologists 3. Indian Sociologists</p>	<p>Vocal Music (034): Raag Jaunpuri , Bheempalasi , Bihag , Bhairavi Naad and its detailed description Definitions Knowledge of taal (teen taal / jhap taal / Keherwa / dasta taal) Biography (pt. Vishnu Narayan Bhatkhande , Tansen) Knowledge of Alankar</p>
<p>Political Science (028) : Part A: Indian Constitution at Work Chapters 1. Constitution 2. Election and Representation 3. Legislature 4. Executive 5. Judiciary 6. Local Governments Part B: Political Theory Chapters 1. Political Theory: An Introduction 2. Liberty 3. Equality 4. Social Justice 5. Rights 6. Development</p>	<p>Physical Education (048): 1. Changing trends and career in physical education 2. Olympic Value 5. Yoga 6. Physical Activity 7. Test and measurement 8. Fundamental of Anatomy 9. Psychology and sports</p>