



Date : 22.07.2024

**Half Yearly Syllabus**

**Class - XII**

Dear Parents,

We are pleased to inform you that the Half-Yearly Examination will commence on August 23, 2024. The detailed date sheet will be provided soon.

Please find the syllabus for the upcoming examinations. We extend our best wishes to all students for their preparation.

**Syllabus**

SUBJECT	TOPICS
English	<p><b>Reading Comprehension</b></p> <ol style="list-style-type: none"> <li>1.Descriptive Passage</li> <li>2. Case-based Factual passage</li> </ol> <p><b>Creative Writing Skills</b></p> <ol style="list-style-type: none"> <li>1. Notice Writing</li> <li>2. Job Application and Resume</li> <li>3.LetterTo Editor</li> <li>4. Article Writing</li> </ol> <p><b>Literature (Flamingo)</b></p> <ol style="list-style-type: none"> <li>1.The Last Lesson</li> <li>2.Lost Spring</li> <li>3.Deep Water</li> <li>4.The Rattrap</li> </ol> <p><b>Poems</b></p> <ol style="list-style-type: none"> <li>1.My Mother at Sixty-Six</li> <li>2.Keeping Quiet</li> </ol> <p><b>Literature (Vistas)</b></p> <ol style="list-style-type: none"> <li>1.The Third Level</li> <li>2. The Tiger King</li> <li>3.Journey To The End Of The Earth</li> <li>4.The Enemy</li> </ol>
Physics	<ul style="list-style-type: none"> <li>• Chapter 1 Electric Charge and Electric Field</li> <li>• Chapter 2 Electric Potential and Capacitor</li> <li>• Chapter 3 Current Electricity</li> <li>• Chapter 4 Moving Charges and Magnetism</li> <li>• Chapter 5 Magnetism and Matter</li> </ul>

	<ul style="list-style-type: none"> <li>Chapter 6 Electromagnetic Induction</li> </ul>
<b>Chemistry</b>	<ul style="list-style-type: none"> <li>Haloalkanes and Haloarenes</li> <li>Alcohols, Phenols and Ethers</li> <li>Aldehydes, Ketones and Carboxylic Acid</li> <li>Amines</li> <li>Solutions</li> </ul>
<b>Math</b>	<ul style="list-style-type: none"> <li>Relation and functions</li> <li>Inverse trigonometric functions</li> <li>Matrices</li> <li>Determinants</li> <li>Continuity and Differentiability</li> <li>Application of Derivatives</li> <li>Indefinite integral</li> </ul>
<b>Computer Science</b>	<p>Ch 1 Functions  Ch 2 Exception Handling in Python  Ch 8 Database Concepts  Ch 9 Structured Query Language  Ch 10 Computer Networks  Ch 11 Data Communication  Ch 12 Security Aspects</p>
<b>Biology (044)</b>	<p><b>Unit: Reproduction</b>  Ch 1: Sexual Reproduction in Flowering Plants  Ch 2: Human Reproduction  Ch 3: Reproductive Health  <b>Unit: Genetics and Evolution</b>  Ch 4: Principles of Inheritance and Variation  Ch 5: Molecular Basis of Inheritance  Ch:6 Evolution  <b>Unit: Biology and Human Welfare</b>  Ch 7: Human Health and Diseases  Ch 8: Microbes in Human Welfare</p>
<b>Physical Education (048)</b>	<p>1.Management of Sporting Events</p> <ul style="list-style-type: none"> <li>Function of sports events</li> <li>Various committee &amp; their responsibilities</li> <li>Types of tournaments</li> <li>Intramural &amp; Extramural Tournaments</li> <li>Community sports Program</li> </ul> <p>2.Childrens &amp; Woman in Sports</p> <ul style="list-style-type: none"> <li>Exercise guideline of WHO for different age group</li> <li>Common Postural Deformities</li> <li>Women’s Participation in sports</li> <li>Special Consideration</li> <li>Female Athlete Triad</li> </ul> <p>3.Yoga as preventive Measure for lifestyle Disease</p> <ul style="list-style-type: none"> <li>Obesity</li> <li>Diabetes</li> <li>Asthma</li> <li>Hypertension</li> </ul>

	<ul style="list-style-type: none"> <li>• Back Pain</li> </ul> <p>4. Physical Education &amp; Sports for CWSN</p> <ul style="list-style-type: none"> <li>• Organizations promoting Disability sports</li> <li>• Concept of classification &amp; Divisioning</li> <li>• Advantages of physical activities for CWSN</li> <li>• Strategies to make physical activities assessable for CWSN</li> </ul> <p>5. Sports Nutrition</p> <ul style="list-style-type: none"> <li>• Concept of balanced diet</li> <li>• Macro &amp; Micro nutrients</li> <li>• Nutritive &amp; Non-Nutritive components</li> <li>• Eating for weight control</li> <li>• Importance of diet in sports Pre, During &amp; Post</li> </ul>
<b>Accountancy (055)</b>	<p>Accounting for Partnership Firms -</p> <ul style="list-style-type: none"> <li>• Fundamentals</li> <li>• Goodwill - Nature &amp; Valuation</li> <li>• Admission of Partner</li> <li>• Retirement of Partner</li> </ul> <p>Analysis of Financial Statements</p> <ul style="list-style-type: none"> <li>• Financial Statements of Company</li> <li>• Financial Statement Analysis</li> </ul>
<b>Economics</b>	<p><b>Part A: Introductory Macroeconomics</b></p> <p>Unit 1: National Income and Related Aggregates</p> <p>Unit 2: Money and Banking</p> <p>Unit 4: Government Budget and the Economy</p> <p><b>Part B: Indian Economic Development</b></p> <p>Unit 6: Development Experience (1947-90) and Economic Reforms since 1991:</p> <p>Chapter-1 A brief introduction of the state of the Indian economy on the eve of independence.</p> <p>Chapter- 2 Indian Economy 1950-1990</p>
<b>Business Studies</b>	<ul style="list-style-type: none"> <li>• Nature &amp; Significance of Management</li> <li>• Principles of Management</li> <li>• Business Environment</li> <li>• Planning</li> <li>• Organising</li> <li>• Staffing</li> <li>• Directing</li> </ul>
<b>Psychology</b>	<ul style="list-style-type: none"> <li>• Chapter 1           Variation in Psychological Attributes</li> <li>• Chapter 2           Self and Personality</li> <li>• Chapter 3           Meeting Life Challenges</li> <li>• Chapter 4           Psychological Disorders</li> <li>• Chapter 5           Therapeutic Approaches</li> </ul>
<b>Political Science</b>	<p><b><u>PART A-CONTEMPORARY WORLD POLITICS</u></b></p> <p>Ch-1 The End of Bipolarity</p> <p>Ch-2 Contemporary Centres of Power</p> <p>Ch-3 Contemporary South Asia</p> <p>Ch-4 International Organizations</p> <p><b><u>PART B-POLITICS IN INDIA SINCE INDEPENDENCE</u></b></p> <p>Ch-1 Challenges of Nation-Building</p> <p>Ch-2 Era of One-Party Dominance</p>

	<p>Ch-3 Politics of Planned Development  Ch-4 India's External Relations  Ch-5 Challenges to and Restoration of the Congress System</p>
<b>Hindi 302</b>	<p>आरोह काव्य खंड  पाठ 1 आत्म-परिचय, एक गीत  पाठ 2 पतंग  पाठ 3 कविता के बहाने, बात सीधी थी पर  पाठ 4 कैमरे में बंद अपाहिज  गद्य भाग  पाठ 11 भक्तिन  पाठ 12 बाजार दर्शन  पाठ 13 काले मेघा पानी दे  वितान  पाठ 1 सिल्वर वैडिंग  पाठ 2 जूझ  अभिव्यक्ति और माध्यम  पाठ 3 विभिन्न माध्यम के लिए लेखन  पाठ 4 पत्रकारीय लेखन के भिन्न रूप  पाठ 5 विशेष लेखन-स्वरूप और प्रकार  अपठित बोध (गद्यांश, पद्यांश)  अनुच्छेद लेखन</p>
<b>History</b>	<p>Ch 1. Bricks, beads and bones  Ch 2. King, Farmers and Towns  Ch 3. Kinship caste and class  Ch 4. Thinkers belief and Building Culture  Ch 5. Through the Eyes of Travelers  Ch 6. Bhakti and Sufi Traditions</p>
<b>Artificial Intelligence</b>	<p><b>Employability Skills</b>  Ch1 Communication Skills  Ch2 Self-Management Skills</p> <p><b>A.I.</b>  Ch1 Capstone Project  Ch2 Model Life-Cycle  Ch3 Storytelling Through Data</p>
<b>FMM</b>	<p><b>Employability Skills</b></p> <ul style="list-style-type: none"> <li>• Communication Skills</li> <li>• Self-Management Skills</li> </ul> <p><b>FMM</b></p> <ul style="list-style-type: none"> <li>• Introduction to Indian Securities Market &amp; Trading Membership</li> <li>• Trading</li> </ul>

2024-25

- Clearing, settlement and legal framework