



Sir Padampat Singhania Education Centre

Kamla Nagar Kanpur

Class XI

SYLLABUS FOR ANNUAL EXAMINATION (2022-2023)

English (301):

Section A: Reading Comprehension

1. One unseen factual, descriptive or literary passage
2. One unseen case-based passage
3. Note Making and Summarization

Section B: Grammar and Writing Skills

1. Tenses
2. Re-ordering
3. Classified Advertisements
4. Poster
5. Speech
6. Debate

Section C: Literature

Hornbill:

1. The Portrait of a Lady (Prose)
2. A Photograph (Poem)
3. "We're Not Afraid to Die... if we can be together (Prose)
4. Discovering Tut: the Saga Continues (Prose)
5. The Laburnum Top (Poem)
6. The Voice of the Rain (Poem)
7. Childhood (Poem)
8. The Adventure (Prose)
9. Silk Road (Prose)
10. Father to Son (Poem)

Snapshots:

1. The Summer of the Beautiful White Horse (Prose)
2. The Address (Prose)
3. Mother's Day (Play)
4. Birth (Prose)
5. The Tale of Melon City

Hindi (302) :

(Objective Test)

अपठित खंड - अपठित काव्यांश, अपठित गद्यांश
पठित खंड (आरोह भाग 1 में लगे पाठों से) - पठित काव्यांश, पठित गद्यांश

वितान(पुस्तक)

(1) भारतीय गायिकाओं में बेजोड़: लता मंगेशकर (कुमार गंधर्व)

(2) राजस्थान की रजत बूँदें (अनुपम मिश्र)

(3) आलो-आँधारि (बेबी हालदार)

अभिव्यक्ति और माध्यम (पुस्तक) जनसंचार माध्यम, पत्रकारिता के विविध आयाम

(Subjective Test)

काव्य खंड- कबीर (पद 1), मीरा (पद 1) , घर की याद (भवानी प्रसाद मिश्र), चंपा काले-काले अच्छर नहीं चीन्हती (त्रिलोचन) , गजल (दुष्यंत कुमार), अक्कमहादेवी, आओ मिलकर बचाएँ (निर्मला पुतुल)

गद्य खंड - नमक का दरोगा (प्रेमचंद), मियां नसीरुद्दीन(कृष्णा सोवती), विदाई संभाषण (बालमुकुंद गुप्त), गलता लोहा (शेखर जोशी), रजनी (मन्नू भंडारी), जामुन का पेड़ (कृशनचंद्र), भारत माता (जवाहरलाल नेहरू), आत्मा का ताप (सैयद हैदर रज़ा)

अभिव्यक्ति और माध्यम (पुस्तक) डायरी लिखने की कला, कथा-पटकथा, कार्यालयी लेखन और प्रक्रिया, स्ववृत्त लेखन और रोजगार संबंधी आवेदन पत्र, शब्दकोश, संदर्भ ग्रंथों की उपयोगी विधि और परिचय

लेखन खंड: औपचारिक पत्र लेखन, रचनात्मक लेखन, स्ववृत्त लेखन

Mathematics (041):

1. Sets
2. Relations and Functions
3. Trigonometric Functions
4. Complex nos. and Quadratic Equations
5. Linear Inequalities
6. Permutations and Combinations
7. Binomial Theorem [+ve index]
8. Sequences and Series
9. Straight Lines
10. Conics
11. Introduction to 3-Dimensional Geometry
12. Limits and Derivatives
13. Statistics
14. Probability

Applied Mathematics (241):

1. Numbers
2. Indices and Logarithms
3. Quantitative Aptitude
4. Mensuration
5. Sets and Relations
6. Sequences and Series
7. Permutations and Combinations
9. Functions
10. Limits and Continuity
11. Differentiation
12. Probability
13. Descriptive Statistics
14. Compound Interest and Annuity
15. Taxation
16. Utility Bills
17. Straight Line
18. Circles and Parabola

Physics (042) :

1. Physical World
2. Units and Measurements
3. Motion in a Straight Line
4. Motion in a Plane
5. Laws of Motion
6. Work, Energy and Power
7. System of Particles and Rotational Motion
8. Gravitation
9. Mechanical Properties of Solids
10. Mechanical Properties of Fluids
11. Thermal Properties of Matter
12. Thermodynamics
13. Kinetic Theory
14. Oscillations
15. Waves

Biology(044):

- Ch 1: The Living World
 Ch 2: Biological Classification
 Ch 3: Plant Kingdom
 Ch 4: Animal Kingdom
 Ch 5: Morphology of Flowering Plants
 Ch 6: Anatomy of Flowering Plants
 Ch 7: Structural Organisation in Animals
 Ch 8 : Cell: The Unit of Life
 Ch10: Cell Cycle and Cell Division
 Ch17: Breathing and Exchange of Gases
 Ch18: Body Fluids and Circulation
 Ch19: Excretory Products and their Elimination
 Ch20: Locomotion and movement
 Ch21: Neural Control and Coordination

Chemistry (043) :

1. Basic concepts of chemistry
2. Structure of Atom
3. Classification of elements and periodicity in properties Chapter
4. Chemical bonding
5. Thermodynamics
6. Equilibrium
7. Redox Reactions
8. G. O. C
9. Hydrocarbons.

Informatics Practices (065) :

1. Getting started with Python
2. Python Fundamentals
3. Flow of Control
4. List Manipulation
5. Database Concepts
6. Simple Queries in SQL
7. SQL Functions- String Function, Math Function, Date and Time Function

Computer Science (083)

- Unit 1 Computer Systems and Organisation
 Unit 2 Computational thinking and Programming -1
 Unit 3 Society, Law and Ethics

Accountancy (055) :

1. Meaning and Objectives of Accounting
2. Basic Accounting Terms
3. Accounting Principles
4. Process and Bases of Accounting
5. Accounting Standards and International Financial Reporting Standards (IFRS)
6. Accounting Equations
7. Double Entry System
8. Origin of Transactions: Source Documents of Accountancy
9. Books of Original Entry - Journal
10. Accounting for Goods and Service Tax (GST)
11. Books of Original Entry - Cash Book
12. Books of Original Entry - Special Purpose Subsidiary Book.
13. Ledger
14. Trial Balance and Errors
15. Bank Reconciliation Statement
16. Depreciation
17. Provisions and Reserves
19. Rectification of Errors
20. Capital and Revenue
21. Financial Statements
22. Financial Statements - With Adjustments

Economics (030) :**Part A: Statistics for Economics**

- Ch-1: Concept of economics and significance of statistics in economics
 Ch-2: Collection of Data
 Ch-3: Census and Sample Method of collection of data
 Ch-4: Organisation of Data.
 Ch-5: Presentation of Data- Textual and Tabular Presentation
 Ch-6: Diagrammatic Presentation of Data- Bar Diagram and Pie Diagram
 Ch-7: Frequency Diagrams- Histogram, Polygon and Ogive
 Ch-9: Measures of Central Tendency- Arithmetic Mean
 Ch-10: Measures of Central Tendency- Median and Mode
 Ch-11: Correlation
 Ch-12: Index Numbers

Part B: Introductory Microeconomics

- Ch-1: Economics and Economy.
 Ch-2: Central Problems of an Economy.
 Ch-3: Consumer Equilibrium- Utility Analysis
 Ch-4: Consumer Equilibrium- Indifference Curve Analysis.
 Ch-5: Theory of Demand.
 Ch-6: Price Elasticity of Demand.
 Ch-7: Production Function and Returns to Factor
 Ch-8: Concept of Cost
 Ch-9: Concept of Revenue
 Ch-10: Producer's Equilibrium
 Ch-11: Theory of Supply.
 Ch-12: Forms of Market- Perfect Competition
 Ch-13: Market equilibrium under Perfect Competition and Effects of Shift in Demand and Supply.

Business Studies (054):

1. Nature and Purpose of Business
2. Forms of Business Organisations
3. Public, Private and Global Enterprises
4. Business Services
5. Emerging Modes of Business
6. Social Responsibility of Business and Business Ethics
7. Sources of Business Finance
8. Small Business and Entreprises
9. Internal Trade
10. International Business

History (027) :

1. Writing and City Life
2. An empire across three continents
3. Nomadic Empires
4. The Three orders
5. Changing Cultural Traditions

Painting (049):

- Fundamental of visual Arts
 Miniature Painting
 Rajasthani school of miniature painting
 Pahari School of miniature painting
 Practical -5 Still Life (pencil shading)

<p>6.Displacing Indigenous People 7.Paths to modernization</p>	<p>2 still life (water colour) 2 painting (composition)</p>
<p>Sociology (039): Part A:Introducing Sociology 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 Socialization</p> <p>Part:B-Understanding Society 7. Social Change and Social order in Rural and Urban Society 8. Introducing Western Sociologists 9. Indian Sociologists</p>	<p>Kathak Nritya (056): All definitions, theka of teen tal, jhap tal,kaharwa tal,Dadra tal,Roopak tal ,Notation of tukda and Aamad,gharana, Abhinaya, life sketch of Jai lal ji,Other classical dances</p> <p>Vocal Music (034): Raag Bhimplasi,Raag Raag Jaunpuri,Raag Bihag,Raag Bhairvi Teen Taal,Keherwa taal,dadra taal,Ek taal notation with dugun and chaugun Naad Definitions Pt Vishnu Narayn Bhatkhande,Pt. Vishnu digambar Paluskar,Tansen biography Alankar</p>
<p>Political Science (028): Book-1(Indian Constitution at Work) 1.Constitution 2 Election and Representation 3 The Legislature 4 The Executive 5 The Judiciary 6 Federalism 7 Local Governments</p> <p>Book-2(Political Theory) 8.Political Theory: An Introduction 9 Liberty 10 Equality 11 Justice 12 Rights 13 Citizenship 14 Nationalism 15 Secularism</p>	<p>Legal Studies (074): Unit 1 Ch 2-Forms and Organs of Government Ch 3-Separation of Powers</p> <p>Unit 2 Ch1- Salient Features of the Constitution of India</p> <p>Unit 3 Ch 2 Classification of Laws Ch 3- Sources of Laws Ch 4 - Law Reforms Ch 5 - Cyber Laws , Safety and Security in India.</p> <p>Unit 4 Judiciary : Constitutional , Civil and Criminal Courts and Processes.</p> <p>Unit 5 Ch1-Institutional Framework-Marriage and Divorce.</p>
<p>Entrepreneurship (066) : Unit-1: Entrepreneurship: Concept and Functions Unit-2: An Entrepreneur Unit-3: Entrepreneurial Journey Unit-4: Entrepreneurship as Innovation and Problem Solving Unit-5:Concept of market Unit-6: Business Arithmetic and Finance Unit-7: Resource Mobilization</p>	<p>Physical Education (048): Ch1:Changing trends and career in physical education Ch2:Olympism Ch3:Yoga Ch6:Test,measurement and evaluation Ch7:Fundamentals of anatomy, physiology in sports Ch9:Psychology and sports Ch10:Training and doping in sports</p>