



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Syllabus of Half Yearly Exam- 2019

CLASS – XII

ENGLISH

READING COMPREHENSION

1. Passage/Poem for Comprehension 2. Passage for Note-Making & Summarizing

WRITING SKILLS:

1.Short Composition : Formal and Informal Invitations & Replies, Poster Designing, Notices ((School/College Notice Boards [Cultural & Academic Activities, Tours/Excursions, Sports/Camps/Celebrations, Lost & Found] General/ Public Notices, Obituary) and **Advertisements** (Situation Vacant, Situation Wanted, Sale and Purchase [Property, Household Items, Vehicles], To Let, Accommodation Wanted, Educational Institutions, Travel & Tours, Lost & Found, Missing Person & Pet, Matrimonial)

2.Letter Writing : Letters to the Editor (giving suggestions/opinions on an issue), Business/Official Letters (making enquiries, registering complaints, asking for and giving information, placing orders and sending replies).

3.Long Composition: Article Writing, Speech Writing, Report Writing

LITERATURE

Flamingo:

Poems: 1. My Mother at Sixty-Six 2. An Elementary School Classroom in a Slum 3. Keeping Quiet 4. A Thing of Beauty

Chapters: 1.The Last Lesson 2.Lost Spring 3.Deep Water 4.The Rattrap 5. Indigo 6. Poets and Pancakes

Vistas:- 1. The Third Level 2.The Tiger King 4. The Enemy 5.Should Wizard Hit Mommy?

ASSESSMENT OF SPEAKING AND LISTENING

HINDI

गद्य- भक्तिन, बाजार दर्शन, काले मेघा पानी दे, नमक, पहलवान की ढोलक, चार्ली चैप्लिन

पद्य- आत्म परिचय, दिन जल्दी-जल्दी ढलता है, पतंग, कविता के बहाने, बात सीधी थी पर, कैमरे में बन्द अपाहिज, उषा, तुलसीदास

वितान -सिल्वर वैडिंग, जुझ, अतीत में दबे पाँव

रचनात्मक लेखन - अपठित गद्यांश, अपठित पद्यांश, पत्र लेखन, अनुच्छेद लेखन, प्रिन्टमीडिया प्रश्नोत्तर, आलेख लेखन, फीचर लेखन, हाल ही में पढ़ी पुस्तक की समीक्षा

MATHEMATICS

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

CHEMISTRY

1. Haloalkane & Haloarene
2. Alcohol, Phenol & ether
3. Aldehyde, Ketone & Carboxylic acid
4. Amines & Diazonium Salt
5. Polymers
6. Chemistry in Everyday life
7. Bimolecular
8. Electrochemistry
9. Solutions
10. General Principles

PHYSICS

1. Electro statics
2. Current Electricity
3. Magnetic Effect of current
4. Magnetism
5. Electro magnetic induction
6. Alternating current
7. Electro Magnetic Waves

BUSINESS STUDIES

- 1-Nature and Significance of Management
- 2-Principles of Management
- 3-Business Environment
- 4-Planning
- 5-Organising
- 6-Staffing
- 7-Directing
- 8-Controlling
- 9-Consumer Protection

INFORMATICS PRACTICES

1. **Java Class –XI**
Methods
2. **MySQL - Class XI & XII**
3. **Networking**
4. **HTML-I and HTML -II**

ECONOMICS

INDIAN ECONOMIC DEVELOPMENT

1. Indian Economy on the eve of Independence
2. Five year plans in India: Goals and Achievements.
3. Features, Problems and Policies of Agriculture.
4. Strategy of Industrial growth (1947-1990)
5. India's Foreign trade
6. Economic Reforms since 1991 or New Economic Policy.

MACRO ECONOMICS

1. Some basic Concepts of Macroeconomics
2. National Income and related Aggregates
3. Methods of Calculating National Income
4. Money
5. Banking
6. Government Budget and Economy
7. Foreign Exchange Rate
8. Balance of Payments.

ACCOUNTANCY

1. Not for Profit Organisation
2. Company Accounts – Issue of shares, Issue of Debentures ,
Redemption of Debentures
3. Partnership – Fundamentals, Valuation of goodwill, Change in profit Sharing Ratio, Admission of a partner, Retirement /Death of a Partner, Dissolution of A Firm

CLASS – XII

<p>BIOLOGY</p> <ol style="list-style-type: none">1. Reproduction2. Genetics and Evaluation3. Bio. Inhuman Welfare4. Biotechnology <p>BIOTECHNOLOGY</p> <ol style="list-style-type: none">1. Rec. DNA technology2. Genomics Prot. Bioinformatics3. Microbial cell culture and App.4. Plant cell culture and App.5. Animal cell culture and App. <p>SOCIOLOGY</p> <ol style="list-style-type: none">1. Introducing Indian Society2. The Demographic Structure of Indian society3. Social Institutions continuity and change.4. Market as a social Institution.5. Patterns of Social Inequality and Exclusion6. Challenges of cultural Diversity.7. Cultural Change8. The story of Indian Democracy	<p>CS(PYTHON)</p> <ol style="list-style-type: none">1. Review of Python-I2. Review of Python-II3. User-Defined Functions in Python4. Working with Mutable and Immutable Data Types5. File Handling in Python6. Data Visualization using Pyplot7. Recursion Programming in Python8. Review of SQL SELECT Statement9. SQL Group Functions10. Data Structure using Python jList11. Stack using Python List12. Queue using Python List13. Computer Networking,14. Network Stack and Tools15. Network Protocols and Applications16. Django Web Base Application
<p>VOCAL MUSIC</p> <p>Rag : Bhairav, Malkauns,Bheempalasi. Definitions, Classification of rag,Sangeet Ratnakar and sangeet Parijat, Tal Notation, Biographies</p> <p>KATHAK</p> <p>Abhinay Darpan, Natya-Shashtra,Mudras, Short notes,Definitions,Notation of Taland Tukda.</p> <p>ENTREPRENEURSHIP</p> <p>CH-1: Entrepreneurial Opportunity CH-2 : Enterprise Planning CH-3 : Enterprise Marketing, CH-5 : Business Arithmetic</p>	<p>COMPUTER SCIENCE</p> <ol style="list-style-type: none">1. Review of C++2. Object Oriented Programming Concepts3. Class and Objects4. Constructor and Destructor5. Inheritance6. Database Concepts7. SQL- Structure8. SQL- Query9. Networking Standards10. File Handling
<p>FINE ARTS :</p> <p>Theory</p> <ol style="list-style-type: none">1. Pahari School of Miniature painting2. Mughal and Deccan School of miniatures painting3. The Indian national Flag and the Bengal School of Painting.4. The modern Trainds in Indian Art <p>Practical</p> <ol style="list-style-type: none">1. Nature and object study2. Painting composition3. Portfolio Assessment<ol style="list-style-type: none">a) Nature and object study 8sheetb) Painting composition 8 sheet	<p>PHYSICAL EDUCATION</p> <ol style="list-style-type: none">1. Planning in sports2. Sports and nutrition3. Yoga and lifestyle4. Physical education and sports for CWSN5. Children and women in sports6. Test and measurement in sports <p>LEGAL STUDIES</p> <p>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</p>
<p>HISTORY</p> <p>Themes in Indian History Part –I</p> <ol style="list-style-type: none">1. Bricks, Beads and Bones2. Kings, Farmers and Towns3. Kinship, Caste and Class4. Thinkers, Beliefs and Buildings <p>Themes in Indian History Part II</p> <ol style="list-style-type: none">5. Through the Eyes of Travellers6. Bhakti -Sufi Traditions7. An Imperial capital: Vijaynagara8. Peasants, Zamindars and the state9. Kings and Chronicles	<p>POLITICAL SCIENCE</p> <p>Contemporary world Politics</p> <ol style="list-style-type: none">1. Cold War Era2. The End of Bipolarity3. US Hegemony in world Politics4. Alternative Centres of Power5. Contemporary South Asia6. International Organisations <p>Politics in India Since Independence</p> <ol style="list-style-type: none">1. Challenges of Nation Building2. Era of One party Dominance3. Politics of Planned Development4. India’s External Relations5. Challenges to and restoration of the Congress System6. The Crisis of Democratic Order.