

**LAKSHMIPAT SINGHANIA ACADEMY**  
**SYLLABUS-MidSem 1 (2022-23)**  
**CLASS 12**

**ENGLISH**

- The Last Lesson
- The Enemy
- Lost Spring
- My Mother @66
- Letter to the Editor
- Notice

**MATH**

- Inverse Trigonometric Functions
- Continuity and Differentiability
- Indefinite Integrals

**APPLIED MATH**

Unit 1 – Quantification

Unit 2 - Linear In equation

Unit 3 – Matrices and it's application

Unit 4 – Determinants

Unit 5 – Second order Derivatives

**PHYSICS**

- 1.ELECTROSTATICS I
- 2.CURRENT ELECTRICITY
3. RAY OPTICS
4. WAVE OPTICS

## **CHEMISTRY**

1. Haloalkanes and haloarenes
2. Alcohol, phenols and ethers
3. Aldehydes, ketone and carboxylic acids
4. Organic compounds containing Nitrogen
5. Biomolecules

## **BIOLOGY**

1. REPRODUCTION IN ORGANISM
2. SEXUAL REPRODUCTION IN FLOWERING PLANTS
3. HUMAN REPRODUCTION
4. REPRODUCTIVE HEALTH

## **COMPUTER SC.**

- Revision of Python topics covered in Class XI.
- Functions (No recursive)
- Database Management: Database concepts, Relational data model, Structured Query Language (except joins)

## **ECONOMICS**

### **Part A: Introductory Macroeconomics:**

1. Money and Banking
2. Government Budget
3. Foreign Exchange and Balance of Payments

### **Part B: Indian Economic Development**

1. Condition of Indian Economy on the EVE of Independence
2. Indian Economy during Planning Period (1950-90)
3. New Economic Policy of 1991

## **ACCOUNTANCY**

- Issue of shares;
- Presentation of Share Capital in the Balance sheet of a Company;

- Ratio Analysis

### **BUSINESS STD**

CHAPTER 1-Nature of Management

CHAPTER 2- Principles of Management

CHAPTER 3- Business Environment

CHAPTER 4- Planning

CHAPTER 8- Controlling

### **ENT DEVELOPMENT**

CHAPTER 1-Entrepreneurial Opportunities

CHAPTER 2-Entrepreneurial Planning

CHAPTER 3-Enterprize Marketing

### **PSYCHOLOGY**

Unit 1. Intelligence

Unit. 3 Coping with life challenges

### **HISTORY**

PART 1:

- BRICKS BEADS AND BONES
- KINGS FARMERS AND TOWNS

PART 2:

- BHAKTI - SUFI TRADITIONS

PART3:

- COLONIALISM AND THE COUNTRYSIDE

### **POL SC**

1. End of Bipolarity
2. Challenges of Nation Building
3. Era of One Party Dominance

## **SOCIOLOGY**

1. The Demographic Structure of Indian Society
2. Social Institutions: Continuity and Change
3. Patterns of Social Inequality and Exclusion

## **LEAGAL STD**

Unit 1: Judiciary

Unit 2:

- Law of property
- Law of contracts
- Law of torts

## **PHYSICAL ED**

1. Planning in sports.
2. Sports and Nutrition.
3. Yoga and lifestyle.

## **COMMERCIAL ART**

Theory: - 10 Marks: Rajasthani school of miniature & Pahari school painting.

Practical – 40 Marks: Illustration - National event and celebration. poster community and nature development

## **WEB APPLICATION**

1. Movie Editing Tools
2. Customizing and Embedding Multimedia components in Web Pages
3. Java Script review

## **FASHION STD**

- Theory book: History of Fashion.
- Employability skills: Communication Skills-1.

## **MASS MEDIA STD**

1. Selling / Marketing / Exhibiting a product through Advertising  
(Advertising – concept & process, Functions of advertising, Types of advertising, Forms of advertising)
2. Movies – Pather Panchali and Chak De! India

## **FOOD AND NUTRITION**

UNIT 1-CLINICAL AND THERAPEUTIC NUTRITION  
COMMUNICATION SKILL

## **FINANCIAL MARKET MANAGEMENT**

Unit 1: Introduction to Indian securities market and trading membership

Unit 2: Trading

Unit 3: Clearing settlement and legal framework