

## **CLASS XII UNIT TEST I SYLLABUS**

### **1. ENGLISH -**

1. READING: Comprehension passage
2. WRITING: Article writing, Notice
3. LITERATURE: Flamingo--- (i) The Last Lesson (prose)  
(ii) Lost Spring (prose)  
(iii) My Mother at 66 (poem)  
Vistas -- The Third Level

### **2. MATHEMATICS -**

Relation and Functions  
Inverse Trigonometric Functions  
Matrices  
Determinants  
Continuity and Differentiability (Exercise 5.1 & 5.2)

### **3. APPLIED MATHS -**

1. Numbers, Quantification and Numerical Applications
2. Numerical Inequalities
3. Matrices
4. Determinants

### **4. PHYSICS -**

Chapter 1: Electric Charges and Fields  
Chapter 2: Electrostatic Potential and Capacitance  
Chapter 3: Current Electricity

### **5. CHEMISTRY -**

Chapter 1: Solution  
Chapter 2: Electrochemistry  
Chapter 3: Kinetics  
Chapter 4: d and f block elements

## **6. BIOLOGY -**

Ch 1: Sexual Reproduction in flowering plants.

Ch 2: Human Reproduction

Ch 3: Reproductive health

Ch 4: Principles of inheritance and variation.

## **7. COMPUTER SCIENCE -**

Chapter 1: Python Revision Tour

Chapter 2: Python Revision Tour II

Chapter 3: Working with Functions

Chapter 4: Using Python Libraries

Chapter 5: File Handling

Chapter 6: Exception Handling

## **8. POLITICAL SCIENCE –**

Book 1: Contemporary World Politics

Chapter 1. End of Bipolarity

Chapter 2. New Centres of Power

Book 2: Politics in India Since Independence

Chapter 1. Challenges of Nation Building

Chapter 2. Era of One-Party Dominance

## **9. GEOGRAPHY -**

### **BOOK 1 Fundamentals of Human Geography**

Ch 1: Human Geography, Nature and Scope

Ch.2: The World Population, density, distribution and growth

Ch.3: Human Development

Ch. 4: Primary Activities

Ch.5: Secondary Activities

Ch.6: Tertiary Activities

Ch.8: International Trade

## **10. HISTORY -**

Theme 1: Bricks, Beads and Bones

Theme 2: Kings, Farmers and Towns

Theme 3: Kinship, Caste and Class

Theme 4: Thinkers, Beliefs and Buildings.

## **11. ECONOMICS -**

Part A: Introductory Macroeconomics

Unit 1: National Income and Related Aggregates

What is Macroeconomics?

Basic concepts in macroeconomics: consumption goods, capital goods, final goods, intermediate goods; stocks and flows; gross investment and depreciation.

Circular flow of income (two sector model); Methods of calculating National Income - Value Added or Product method, Expenditure method, Income method.

Aggregates related to National Income:

Gross National Product (GNP), Net National Product (NNP), Gross Domestic Product (GDP) and Net Domestic Product (NDP) - at market price, at factor cost; Real and Nominal GDP

GDP Deflator, GDP and Welfare

Part B: Indian Economic Development

Unit 6: Development Experience (1947-90) and Economic Reforms since 1991:

A brief introduction of the state of Indian economy on the eve of independence.

Indian economic system and common goals of Five Year Plans.

Main features, problems and policies of agriculture (institutional aspects and new agricultural strategy), industry (IPR 1956; SSI – role & importance) and foreign trade.

## **12. BUSINESS STUDIES -**

Chapter 1. Nature and Significance of Management

Chapter 2. Principles of Management

Chapter 3. Business Environment

## **13. ACCOUNTANCY -**

Analysis of financial statements (Complete)

#### **14. ENTREPRENEURSHIP-**

Unit 1. Entrepreneurial Opportunity

Unit 2. Enterprise Planning

Unit 3. Enterprise Marketing

#### **15. PSYCHOLOGY -**

Chapter 1- Variations in Psychological Attributes.

Chapter 2- Self and personality.

#### **16. LEGAL STUDIES -**

UNIT III - Business Law

Law of Contract

Law of Torts

Law of Property

Intellectual property Law

UNIT II - Alternative Dispute Resolution

#### **17. PHYSICAL EDUCATION -**

Unit - Management of Sporting Events

Unit - Children & Women in Sports

Unit - Yoga as Preventive measure for Lifestyle Disease

Unit - Physical Education & Sports for CWSN (Children with Special Needs - Divyang)

#### **18. PAINTING -**

Indian National Flag

Rama Vanquishing the Pride of the Ocean

Mother and Child

Haldi Grinders

Mother Teresa

#### **19. HINDUSTANI MUSIC PERCUSSION-**

Unit:1.1: Short notes on the following: uthan

Unit: 1.2: Comparative study of the following: Chautal- Ektal & Jhaptal Suttal.

## **20. HINDUSTANI CLASSICAL VOCAL MUSIC -**

1.1. Brief study of the following -

Alankar, Kan, Meend, Khatka, Murki, Gamak.

1.2. Brief study of the following -

Gram, Murchhana, Alap, Tana.

## **21. HINDUSTANI MUSIC MELODIC:**

Unit1.1: Brief study of the following:

Gram,Murchhana,Alankar,Alap,Tana.

Unit1.2: Brief study of the following; Gamak, Meend,kan,krintan,Zamzama,Ghaseet,sut.

## **22. DANCE-**

Unit- 1-Acquaintance with the themes of classical dances of India

Unit -2-Describing the life sketches of various classical dance gurus

Learn Kathak-specific notation in teen Taal, jhaptaal and Dhamar Taal

Acquaintance with the traditional dance costumes and make-up

Unit -3-Acquaintance with the three gharanas of Kathak