

# **SYLLABUS FOR HALF YEARLY 2017**

## **XII**

### **SUBJECT: ENGLISH**

1. **Flamingo:** The Last Lesson, Lost Spring, Deep Water, The Rattrap, Indigo
2. **Vistas:** The Tiger King, The Enemy, Should Wizard Hit Mommy?
3. **Poetry:** My Mother at Sixty-Six, An Elementary School Classroom in a Slum, Keeping Quiet
4. **Novel:** The Invisible Man: Chapters 1-15
5. All writing skills except Invitations & their Replies and Posters.

### **SUBJECT: BUSINESS STUDIES**

#### **BOOK-1**

1. Ch-Nature and significance of management
2. Ch-Principles of management
3. Ch-Business environment
4. Ch-Planning
5. Ch-Organizing
6. Ch-Staffing
7. Ch-Directing
8. Ch-Controlling

#### **BOOK-2**

1. Ch- Marketing Management
2. Ch- Financial Management

### **SUBJECT: ECONOMICS**

#### **FULL MICRO ECONOMICS**

Units 1,2,3,4,5

#### **MACRO ECONOMICS**

Units 6,7,8

National income

Determination of equilibrium income, output and employment

Money and banking

## **SUBJECT: ACCOUNTANCY**

### **1. Partnership**

- Fundamentals Of Partnership
- Change In Profit Sharing Ratio
- Admission Of Partner
- Retirement Of Partner
- Death Of Partner
- Dissolution Of Partnership Firm

### **2. Company Accounts**

- Shares (Issue And Forfeiture ,Balance Sheet,Prorata Allotment)
- Issue And Redemption Of Debentures

## **SUBJECT: MATHS**

1. Inverse Trigonometric Functions
2. Matrices And Determinants
3. Continuity And Differentiability
4. Application Of Derivatives
5. Integrals
6. Application Of Integrals
7. Differential Equations
8. Vector Algebra
9. Three Dimensional Geometry
10. Linear Programming

## **SUBJECT: EG**

- Isometric Projections
- Machine Drawing
- Bearings
- Rod Joints
- Pulleys
- Couplings
- Pipe Joints
- Turn Buckle Joint

## **SUBJECT: PHYSICS**

1. Electrostatics 1(Chapter 1 Ncert)
2. Electrostatics 2(Chapter 2 Ncert)
3. Current Electricity (Chapter 3 Ncert)
4. Magnetic Effects Of Current(Chapter 4 Ncert)
5. Magnetism And Matter(Chapter 5 Ncert)

6. Electromagnetic Induction(Chapter 6 Ncert)
7. Alternating Currents(Chapter 7 Ncert)
8. Em Waves (Chapter 8 Ncert)
9. Ray Optics (Chapter 9 Ncert)

## **SUBJECT: CHEMISTRY**

1. Solid State (Chapter-1)
2. Solutions (Chapter-2)
3. Electrochemistry (Chapter-3)
4. Chemical Kinetics (Chapter-4)
5. Surface chemistry (Chapter-5)
6. General Principle of extraction (Chapter-6)
7. Halo Alkanes and Halo Arenes (Chapter-10)
8. Alcohols ,Phenols, Ethers (Chapter-11)
9. Aldehyde, Ketone, Carboxylic Acid ( Chapter-12)
10. Amines (Chapter-13)
11. Biomolecules (Chapter-14)
12. Polymers (Chapter-15)
13. Chemistry in Everyday Life (Chapter-16)

## **SUBJECT: COMPUTER SCIENCE**

- Object Oriented Programming
- Implementation of Object Oriented Programming concepts in C++:
- Constructor and Destructor
- Data File Handling
- Pointers
- Inheritance (Extending Classes)
- Data File Handling
- Revision of Arrays
- Data Structures
- Stack (Array and Linked implementation of Stack),Queue (Circular Array and Linked Implementation)
- Databases Management System And SQL

## **SUBJECT: INFORMATIC PRACTISES**

1. Computer Networking
2. Open Source Concepts
3. GUI Programming review
4. Basics of Object Oriented Programming
5. Advanced programming concept
6. Data Connectivity

7. MySQL revision tour
8. More on Database & SQL
9. Advanced RDBMS concepts

## **SUBJECT: BIOLOGY**

Unit 6- reproduction

Unit7- genetics and evolution

Unit 8-biology in human welfare

Unit9-biotechnology

## **SUBJECT: PSYCHOLOGY**

1. Variations in Psychological Attributes
2. Self and Personality
3. Meeting Life Challenges
4. Psychological Disorders
5. Therapeutic Approaches
6. Attitude and Social Cognition
7. Group Processes

## **SUBJECT: PHYSICAL EDUCATION**

UNIT 1 - PLANNING IN SPORTS

UNIT 2 - SPORTS & NUTRITION

UNIT 3 - YOGA & LIFESTYLE

UNIT 4 - PHYSICAL EDUCATION &SPORTS FOR DIFFERENTLY ABLED

UNIT 5 - CHILDREN & SPORTS

UNIT 6 - WOMEN & SPORTS

UNIT 9 - SPORTS & MEDICINE

UNIT 12 - TRAINING IN SPORTS

## **SUBJECT: POLITICAL SCIENCE**

**BOOK-CONTEMPORARYPOLITICS**

CHAPTERS-3,5,7,9

## **BOOK-POLITICS IN INDIA**

CHAPTERS-1 TO 6

## **SUBJECT: HISTORY**

Book 1

Book 2

Book 3

map work

## **SUBJECT: GEOGRAPHY**

### **BOOK: FUNDAMENTALS OF HUMAN GEOGRAPHY**

Ch 1. Population of the world

Ch 2. Population change

Ch 3. Population composition

Ch 4. Human development

Ch 5. Primary Activities

Ch 6. Secondary Activities

Ch 7. Tertiary and Quaternary Activities

Ch 8. Land, water and air transport

Ch 9. International trade

Ch 10. Settlement type

### **BOOK: INDIA: PEOPLE AND ECONOMY**

Ch 1. India: Population distribution

Ch 2. Migration: International, national

Ch 3. Human development

Ch 4. Human Settlements

Ch 5. Land resource and agriculture

Ch 6. Water resource

Ch 7. Minerals and energy resources

Ch 8. Manufacturing Industries

## **SUBJECT: FINE ARTS**

- **Unit 3- Bengal School Of Painting**

Introduction , Study of Paintings, Contribution of indian Artists in the

Struggle of national freedom movement, Evolution of indian National

Flag

- **Unjt 4** – The Modern Trends in In Indian Arts

Paintings , graphics and sculptures – its Artists And works of art .

**New Works Of Art Included By Cbse ---**

THE VULTURE ,ARJUN DETACH FROM WAR ,TILLER OF THE SOIL , WORDS AND SYMBOLS ,  
VANSHRI