

HALF YEARLY SYLLABUS CLASS 12TH

ENGLISH

Flamingo:

- The Last Lesson
- Lost Spring
- Deep Water
- The Rattrap
- Indigo
- My Mother at Sixty-six
- An Elementary School Classroom in a Slum
- Keeping Quiet

Vistas

- The Tiger King
- The Enemy
- Should Wizard Hit Mommy
- On the face of it

Writing Skills

- Notice
- Advertisements: Classified, Box
- Posters
- Letters: Editor, enquiry, complaint, job application, placement/cancellation of order
- Article
- Speech
- Debate

The Invisible Man by H. G. Wells

- Chapters 1 to 14

MATHEMATICS

1. Inverse trigonometric functions
2. Matrices and determinants
3. Continuity and differentiability
4. Integration - definite and indefinite
5. Application of derivatives
6. Application of integrals

- 7. Vectors**
- 8. Three dimensional geometry**

PHYSICS

- 1 Electrostatics 1**
- 2 Electrostatics 2**
- 3 Current electricity**
- 4 Magnetic Effects of Current**
- 5 Magnetism**
- 6 Electromagnetic Induction**
- 7 Alternating Currents**
- 8 EM Waves**

CHEMISTRY

- 1. Organic chemistry complete (four chapters)**
- 2. Solid state**
- 3. Solution**
- 4. Electrochemistry**

BIOLOGY

- Unit6- reproduction**
- Unit7- genetics and evolution**
- Unit8-biology in human welfare**
- Unit9- biotechnology**

ENGINEERING GRAPHICS

Isometric Projection of solids

Bearings – Assembly and Dis-assembly

ROD Joints – Assembly and Dis-assembly

Couplings - Assembly and Dis-assembly

Turn Buckle joint and Pipe joints

Drawing of Machine Parts

- **Nuts and Bolts (Square, Hexagon, T Headed Bolt and Hook Bolt)**
- **Studs**
- **Rivet Heads, Single Riveted Lap Joint**

- **Machine Screws**
- **Keys and its types**
- **Thread Profiles**

COMPUTER SCIENCE

- Chapter 1 C++ Revision Tour**
- Chapter 2 Object oriented programming**
- Chapter 3 Function overloading**
- Chapter 4 Classes and objects**
- Chapter 5 Constructors and destructors**
- Chapter 6 Inheritance:Extending Classes**
- Chapter 7 Data File Handling**
- Chapter 8 Pointers**
- Chapter 9 Arrays**
- Chapter 10 linked lists stacks (till stacks)**

ECONOMICS

- Unit 1 Introduction**
- Unit 2 Consumer Behaviour**
- Unit3 Producer Behaviour**
- Unit 4 Price Determination And Types Of Market**
- Unit 5 National Income Determination**

PSYCHOLOGY

- Unit 1: Variations in Psychological Attributes**
- Unit 2: Self and Personality**
- Unit 3: Meeting Life Challenges**
- Unit 4: Psychological Disorders**
- Unit 5: Therapeutic Approaches**
- Unit 6: Attitude and Social Cognition**
- Unit 9: Developing Psychological Skills**

ACCOUNTS

- Chapter 1: Fundamental of Partnership**
- Chapter 2: Valuation of Goodwill**
- Chapter 3: Change in Profit Sharing Ratio Among existing partners**
- Chapter4: Admission of a partner**
- Chapter5: Retirement and Death of a partner**
- Chapter6: Dissolution of Partnership Firm**

Chapter7: Issue of Shares

Chapter8: Issue of Debentures

B STUDIES

Chapter 1 Nature and significance of management

Chapter 2 Principles of management

Chapter4 Planning

Chapter5 Organizing

Chapter6 Staffing

Chapter7 Directing(till supervision)

Chapter8 Controlling

Chapter 11Marketing Management

IP

Chapter 1- Computer Networking

Chapter 2- Open Source Concepts

Chapter 3- GUI Programming - A review

Chapter 4- Basics of Object Oriented Programming

Chapter 5- Advanced Programming Concepts

Chapter 6- Data Connectivity

Chapter 8-MySQL Revision Tour

Chapter 9- More on Databases and SQL

POLITICAL SCIENCE

Contemporary world politics

Chapter 1 to 9

Politics in India since independence

Chapter 1 to 5

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

Theme 5: Through the eyes of the traveller

Theme 6: Bhakti and sufi traditions

Theme 7: An Imperial city Vijayanagara

Theme 8: Peasants,zamindars and the state

Theme 9: Kings and chronicles

Theme 10: Colonialism and countryside
Theme 11: Rebels and the Raj
Map work ,

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. Land resource and agriculture**
- Ch 5. Water resource**

FINE ARTS

- 1. What is miniature paintings.**
- 2. Rajasthani School of Art and artists works.**
- 3. Pahari School of Art and artists works.**
- 4. Mughal School of Art and artists works.**
- 5. Deccan School of Art and artists works.**
- 6. Bengal School of Art origin and development.**

Practical

Object Drawing with drapery in color.
Composition in colour.
Submission of Portfolio.

PHYSICAL EDUCATION

Chapter-1 One planning in sports

Chapter-2 Adventure sports & leadership training

Chapter-4 Postures

Chapter-5 Children & sports

Chapter-6 Women & Sports

Chapter-9 Sports medicine

Chapter-10 Biomechanics & Sports

Chapter-12 Training in sports