

## **CLASS XII (PCB)**

### **SUBJECT:- PHYSICS**

### **PRESCRIBED BOOKS:- PHYSICS -XII (NCERT)**

#### **PT-1**

CHAP.-1 Electric charges & fields

CHAP.- 2 Electrostatic & capacitance

#### **PT -2**

CHAP.- 3 Current electricity

CHAP.-4 Moving charges & Magnetism

#### **TERM-I**

CHAP.-1 Electric charges & fields

CHAP.- 2 Electrostatic & capacitance

CHAP.- 3 Current electricity

CHAP.-4 Moving charges & Magnetism

CHAP.- 5 Magnetism & matter

CHAP.-6 Electromagnetic inductions

CHAP.-7 Alternating current

CHAP.-8 Electromagnetic wave

#### **P.T -3**

CHAP.- 9 Ray optics

#### **PRE BOARD I & II**

CHAP.-1 Electric charges & fields

CHAP.- 2 Electrostatic & capacitance

CHAP.- 3 Current electricity

CHAP.-4 Moving charges & Magnetism

CHAP.- 5 Magnetism & matter

CHAP.-6 Electromagnetic inductions

CHAP.-7 Alternating current

CHAP.-8 Electromagnetic waves

CHAP.- 9 Ray optics

CHAP.- 10 Wave optics

CHAP.- 11 Dual nature of matter & Radiation

CHAP.- 12 Atom

CHAP.-13 Nuclei

CHAP-14 Semiconductor

**SUBJECT: CHEMISTRY**

**PRESCRIBED BOOKS:- CHEMISTRY –XII NCERT**

**PT – 1**

CHAPTER – 1: SOLUTIONS

CHAPTER – 2: ELECTROCHEMISTRY

**PT – 2**

CHAPTER – 3: CHEMICAL KINETICS

CHAPTER – 4: D-AND F- BLOCK ELEMENTS

**TERM-I**

CHAPTER-1: SOLUTIONS

CHAPTER -2: ELECTROCHEMISTRY

CHAPTER-3: CHEMICAL KINETICS

CHAPTER-4: D-AND F- BLOCK ELEMENTS

CHAPTER-5: CO-ORDINATION COMPOUNDS

CHAPTER-6: HALOALKANES AND HALOARENES

**PT-3**

CHAPTER-7: ALCOHOLS, PHENOLS AND ETHERS

CHAPTER-8: ALDEHYDES KETONE AND CARBOXYLIC ACID

**PRE BOARD I & II**

CHAPTER-1:- SOLUTIONS

CHAPTER -2:- ELECTROCHEMISTRY

CHAPTER-3:- CHEMICAL KINETICS

CHAPTER-4:- D-AND F- BLOCK ELEMENTS  
CHAPTER-5:- COORDINATION COMPOUNDS  
CHAPTER-6:- HALOALKANES AND HALOARENES  
CHAPTER-7:- ALCOHOLS, PHENOLS AND ETHERS  
CHAPTER-8:- ALDEHYDES, KETONES,AND CARBOXYLIC ACID  
CHAPTER-9:-AMINES  
CHAPTER-10:- BIOMOLECULES

### **SUB- BIOLOGY**

#### **PRESCRIBED BOOKS:- BIOLOGY–XII NCERT**

#### **PT-1**

CH-2 SEXUAL REPRODUCTION IN FLOWERING PLANTS

#### **PT-2**

CH-3 HUMAN REPRODUCTION

CH-4 REPRODUCTIVE HEALTH

#### **TERM-1**

CH-5 PRINCIPALS OF INHERITANCE AND VARIATION

CH-6 MOLECULAR BASIS OF INHERITANCE

CH-7 EVOLUTION

CH-8 HUMAN HEALTH AND DISEASES

CH-10 MICROBES IN HUMAN WELFARE

#### **PT-3**

CH-11 BIOTECHNOLOGY-PRINCIPALS AND PROCESSES

#### **PRE BOARD I & II**

CH-2 SEXUAL REPRODUCTION IN FLOWERING PLANTS

CH-3 HUMAN REPRODUCTION

CH-4 REPRODUCTIVE HEALTH

CH-5 PRINCIPALS OF INHERITANCE AND VARIATION

CH-6 MOLECULAR BASIS OF INHERITANCE

CH-7 EVOLUTION

CH-8 HUMAN HEALTH AND DISEASES

CH-10 MICROBES IN HUMAN WELFARE

CH-11 BIOTECHNOLOGY-PRINCIPALS AND PROCESSES

CH-12 BIOTECHNOLOGY AND ITS APPLICATIONS

CH-13 ORGANISMS AND POPULATIONS

CH-14 ECOSYSTEM

CH-15 BIODIVERSITY AND ITS CONSERVATION

## **SUBJECT-ENGLISH**

### **PRESCRIBED BOOKS:- Flamingo, Vistas**

#### **PT-1**

Flamingo - The last lesson  
Poem - My mother at Sixty Six  
Vistas - The third level  
Writing section – Notice writing & Article.

#### **PT-2**

Flamingo - Lost spring  
Poem - keeping quiet, a thing of beauty  
Vistas - The tiger king  
Writing - Invitation and reply.

#### **TERM-I**

Flamingo – last lesson, lost spring, deep water, rattrap, indigo  
Poem- my mother at 66, keeping quiet, a thing of beauty  
Vistas – the third level, the tiger king, journey to the end of the earth, the enemy  
Writing – Invitation & reply, notice, report/Article writing

#### **PT3**

FLAMINGO- Poets and Pancakes,  
POEM- Roadside stand  
VISTAS- On the face of it  
WRITING- job application & resume making, letter to editor.

### **PRE BOARD I & II**

FLAMINGO- Chapter 1 to 8  
POEM- 5 poems  
VISTAS- chapter 1 to 6  
WRITING- notice, Invitation, reply, article , report writing & job application & resume making,  
letter to editor  
(Entire portion as per CBSE)

## **COMPUTER SCIENCE**

### **PRESCRIBED BOOKS:- Computer Science with Python(S Chand publication)**

#### **PT-1**

- Python Revision Tour – I
- Python Revision Tour – II

#### **PT-2**

- Conditional statements and Loop
- Working with Functions

#### **Term-1**

1. Python Revision Tour – I

2. Python Revision Tour – II
3. Working with Functions
4. File Handling

**PT-3**

- Data Structure (Stack)
- Computer Network

**PRE BOARD I & II**

1. Python Revision Tour – I
2. Python Revision Tour – II
3. Working with Functions
4. File Handling
5. Data Structure (Stack)
6. Computer Network I
7. Computer Network II
8. DBMS (SQL)

**Physical Education**

**PRESCRIBED BOOKS:- Sharaswati Publication**

**PT-1**

1. Management of sporting event
2. Children & Women in Sports

**PT-2**

3. Yoga as preventive Measures for lifestyle Disease
4. Physical Education and Sports for CWSN

**Term-1**

1. Management of sporting event
2. Children & Women in Sports
3. Yoga as preventive Measures for lifestyle Disease
4. Yoga Education and sports for CWSN
5. Sports & Nutrition

**PT-3**

6. Test and Measurement in Sports
7. Physiology and Injuries in sports

**PRE BOARD I & II**

6. Test and Measurement in Sports
7. Physiology and Injuries in sports
8. Biomechanics and Sports
9. Psychology & Sports
10. Training in sports