CLASS XII (PCM)

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: ELECTRTROCHEMISTRY

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

SUBJECT:- MATHEMATICS
PRESCRIBED BOOKS:- MATHEMATICS –XII (NCERT)

PT-1

CHAPTER-1 : MATRICES

CHAPTER-2: DETERMINANT

PT -2

CHAPTER-3: RELATIONS AND FUNCTION

CHAPTER-4: INVERSE TRIGONOMETRIC FUNCTION

TERM-1

CHAPTER -1: MATRICES

CHAPTER- 2: DETERMINANT

CHAPTER- 3: RELATIONS AND FUNCTIONS

CHAPTER- 4: INVERSE TRIGONOMETRIC FUNCTION

CHAPTER- 5: CONTINUITY AND DIFFERENTIABILITY

CHAPTER- 6: APPLICATION OF DERIVATIVES

PT-3

CHAPTER- 7: INTEGRALS

CHAPTER- 8: APPLICATION OF INTEGRALS

PRE BOARD I & II
CHAPTER-1 : MATRICES

CHAPTER-2: DETERMINANT

CHAPTER-3: RELATIONS AND FUNCTION

CHAPTER-4: INVERSE TRIGONOMETRIC FUNCTION

CHAPTER- 5: CONTINUITY AND DIFFERENTIABILITY

CHAPTER- 6: APPLICATION OF DERIVATIVES

CHAPTER-7: INTEGRALS

CHAPTER-8: APPLICATION IF INTEGRALS

CHAPTER- 9: DIFFERENTIAL EQUATION

CHAPTER- 10: VECTOR ALGEBRA

CHAPTER- 11: THREE DIMENSIONAL GEOMETRY

CHAPTER- 12: LINEAR PROGRAMMING PROBLEM (LPP)

CHAPTER- 13: PROBABILITY

ENGLISH

PRESCRIBED BOOKS:- Flamingo, Vistas

PT1
Flamingo - The last lesson
Poem - My mother at Sixty Six
Vistas - The third level
Writing section – Notice writing & Article.

PT2
Flamingo - Lost spring
Poem - keeping quiet, a thing of beauty
Vistas - The tiger king
Writing - Invitation and reply.

TERM 1
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:- Saraswati 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