

# SYLLABUS FOR THE YEAR

SESSION 2023-24

**GRADE – 12<sup>th</sup>**  
**(MEDICAL)**

**ENGLISH(301)**

**TERM-1**

**FLEMINGO**

- . THE LAST LESSON
- . LOST SPRING
- . DEEP WATER

**POETRY**

- . MY MOTHER AT SIXTY SIX
- . KEEPING QUIET

**VISTAS**

- .JOURNEY TO THE END OF THE EARTH
- . THE TIGER KING

**GRAMMAR**

UNSEEN PARAGRAPH

NOTICE

ADVERTISEMENT

POSTERS

**PT-1**

**FLAMINGO**

CH-1,CH-2,CH-3

**VISTAS**

CH-1,CH-2

## **POETRY**

POEM-1,POEM-2

## **GRAMMAR**

UNSEEN PARAGRAPH

NOTICE

ADVERTISEMENT

POSTERS

### **TERM-2**

## **FLAMINGO**

.THE RATRAP

. INDIGO

. POETS AND PANCAKES

## **VISTAS**

. JOURNEY TO THE END OF THE EARTH

. THE ENEMY

. ON THE FACE OF IT

## **POETRY**

. A THING OF BEAUTY

. ROADSIDE STAND

## **GRAMMAR**

LETTER WRITING

ARTICLES, SPEECH, AND DEBATE

REPORT WRITING

**HALF YEARLY EXAMS- TERM 1+ TERM 2**

### **TERM-3**

## **FLAMINGO**

. THE INTERVIEW

. GOING PLACES

## **VISTAS**

. MEMORIES OF CHILDHOOD

-THE CUTTING OF MY HAIR

-WE TOO ARE HUMAN BEINGS

## **POETRY**

. AUNT JANNIFER'S TIGERS

**PT-2**

## **FLAMINGO**

.POETS AND PANCAKES

. THE INTERVIEW

## **VISTAS**

.ON THE FACE OF IT

. MEMORIES OF CHILDHOOD

## **POETRY**

.AUNT JANNIFER'S TIGERS

## **GRAMMAR**

LETTER

ARTICLES

SPEECH

REPORT WRITING

## **QUESTION PAPER PATTERN**

AS PER THE LATEST CBSE PATTERN

# **BIOLOGY(044)**

**BOOK- LIVING BIOLOGY**

**PUBLISHER-NCERT**

**TERM -1**

CHAPTER 2 SEXUAL REPRODUCTION IN FLOWERING PLANTS

CHAPTER 3 HUMAN REPRODUCTION

CHAPTER 4 REPRODUCTIVE HEALTH

CHAPTER 5 PRINCIPLES OF INHERITANCE AND VARIATION

CHAPTER 6 MOLECULAR BASIS OF INHERITANCE

CHAPTER 7 EVOLUTION

CHAPTER 8 HUMAN HEALTH AND DISEASES

**PT-1** CHAPTER,2,3,4

**HALF YEARLY** - CHAPTER 2,3,4,5,6,7,8

**TERM -2**

CHAPTER 10 MICROBES IN HUMAN WELFARE

CHAPTER 11 BIOTECHNOLOGY PRINCIPLES AND PROCESSES

CHAPTER 12 BIOTECHNOLOGY AND ITS APPLICATION

CHAPTER 13 ORGANISMS AND POPULATIONS

CHAPTER 14 ECOSYSTEM

CHAPTER 15 BIODIVERSITY AND CONSERVATION

CHAPTER 16 ENVIRONMENTAL ISSUES

**PT-2** CHAPTER 10,11,12,13

**ANNUAL EXAMINATIONS**

CHAPTER 2 SEXUAL REPRODUCTION IN FLOWERING PLANTS

CHAPTER 3 HUMAN REPRODUCTION

CHAPTER 4 REPRODUCTIVE HEALTH

CHAPTER 5 PRINCIPLES OF INHERITANCE AND VARIATION

CHAPTER 6 MOLECULAR BASIS OF INHERITANCE

CHAPTER 7 EVOLUTION

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CHAPTER 8 HUMAN HEALTH AND DISEASES

CHAPTER 10 MICROBES IN HUMAN WELFARE

CHAPTER 11 BIOTECHNOLOGY PRINCIPLES AND PROCESSES

CHAPTER 12 BIOTECHNOLOGY AND ITS APPLICATION

CHAPTER 13 ORGANISMS AND POPULATIONS

CHAPTER 14 ECOSYSTEM

CHAPTER 15 BIODIVERSITY AND CONSERVATION

CHAPTER 16 ENVIRONMENTAL ISSUES

**QUESTION PAPER PATTERN**

AS PER THE LATEST CBSE PATTERN

## **CHEMISTRY(043)**

### **TERM 1**

CH -1 (SOLUTIONS)

CH -4 ( D AND F BLOCK ELEMENTS)

CH -5 ( CO- ORDINATION COMPOUNDS)

### **PT-1**

CH-1,4,5

### **HALF YEARLY EXAM**

CH-2( ELECTROCHEMISTRY)

CH- 3(CHEMICAL KINETICS)

CH-6(HALOALKANES AND HALOARENES)

CH-7(ALCOHOL, PHENOL AND ETHER)

CH-8( ALDEHYDE, KETONE AND CARBOXYLIC ACID)

### **HALF YEARLY EXAMINATION**

CH-2( ELECTROCHEMISTRY)

CH- 3(CHEMICAL KINETICS)  
CH-6(HALOALKANES AND HALOARENES)  
CH-7(ALCOHOL, PHENOL AND ETHER  
CH -1 (SOLUTIONS)  
CH -4 ( D AND F BLOCK ELEMENTS)  
CH -5 ( CO- ORDINATION COMPOUNDS

**TERM-2**

CH-9 (AMINES)  
CH-10(BIOMOLECULES)

**PT-2**

CH-8,9,10

**ANNUAL EXAMINATION**

CH -1 (SOLUTIONS)  
CH -4 ( D AND F BLOCK ELEMENTS)  
CH -5 ( CO- ORDINATION COMPOUNDS  
CH-2( ELECTROCHEMISTRY)  
CH- 3(CHEMICAL KINETICS)  
CH-6(HALOALKANES AND HALOARENES)  
CH-7(ALCOHOL, PHENOL AND ETHER)  
CH-8( ALDEHYDE, KETONE AND CARBOXYLIC ACID)  
CH-9 (AMINES)  
CH-10(BIOMOLECULES)

**QUESTION PAPER PATTERN**

AS PER THE LATEST CBSE PATTERN

**PHYSICS(042)**

**BOOK** : NCERT  
**PUBLISHER** : m.Siraj Anwar

**TERM-1 (PT-1)**

**CHAPTER-1** - ELECTRIC CHARGES AND FIELDS  
**CHAPTER-2** - ELECTRIC POTENTIAL AND CAPACITANCE

**CHAPTER-3 - CURRENT ELECTRICITY**  
**SYLLABUS OF PT-1 EXAMINATION:**  
**CHAPTER-1,2 AND 3**

**TERM-2**

**CHAPTER-4 - MOVING CHARGES AND MAGNETISM**  
**CHAPTER-5 - MAGNETISM AND MATTER**  
**CHAPTER-8 - ELECTROMAGNETIC WAVES**  
**CHAPTER-11 - DUAL NATURE OF RADIATION AND MATTER**  
**SYLLABUS OF HALF-YEARLY EXAMS:**

**CHAPTER-3 - CURRENT ELECTRICITY**  
**CHAPTER-4 - MOVING CHARGES AND MAGNETISM**  
**CHAPTER-5 - MAGNETISM AND MATTER**  
**CHAPTER-8 - ELECTROMAGNETIC AND WAVES**  
**CHAPTER-11 - DUAL NATURE OF RADIATION AND MATTER.**

**TERM -3 (PT-2)**

**CHAPTER-6 - ELECTROMAGNETIC INDUCTION**  
**CHAPTER-7 - ALTERNATING CURRENT**  
**CHAPTER-9 - RAY AND OPTICAL INSTRUMENTS**  
**CHAPTER-10 - WAVE OPTICS**  
**CHAPTER-13 - NUCLEI**  
**CHAPTER-14 - SEMI-CONDUCTOR.**

**SYLLABUS OF ANNUAL EXAMINATION**

**CHAPTER- 1,2,3,4,5,6,7,8,9,10,11,12,13,14.**

**QUESTION PAPER PATTERN**

**AS PER THE LATEST CBSE PATTERN**

# COMPUTER SCIENCE (083)

**BOOK: COMPUTER SCIENCE WITH PYTHON**

**PUBLISHER: SULTAN CHAND**

## **TERM 1**

UNIT 1: REVIEW OF PYTHON BASICS

UNIT 2: FUNCTIONS

UNIT 3: USING PYTHON LIBRARIES

### **PRACTICAL CHAPTERS**

UNIT 1: REVIEW OF PYTHON BASICS

UNIT 2: FUNCTIONS

UNIT 3: USING PYTHON LIBRARIES

PT1 EXAMS: THEORY – UNIT 1, UNIT 2, UNIT 3

PRACTICAL – UNIT 1, UNIT 2, UNIT 3

## **TERM 2**

UNIT 4: DATA FILE HANDLING

UNIT 5: DATA STRUCTURES IN PYTHON

UNIT 6: COMPUTER NETWORKS

### **PRACTICAL CHAPTERS**

UNIT 4: DATA FILE HANDLING

UNIT 5: DATA STRUCTURES IN PYTHON

UNIT 6: COMPUTER NETWORKS

**HALF YEARLY EXAMS:** THEORY – UNIT 1, UNIT 2, UNIT 3, UNIT 4,  
UNIT 5, UNIT 6

PRACTICAL – UNIT 1, UNIT 2, UNIT 3, UNIT 4, UNIT 5, UNIT 6

## **TERM 3**

UNIT 7: RELATIONAL DATABASE AND SQL

UNIT 8: INTERFACE PYTHON WITH SQL

### **PRACTICAL CHAPTERS**

UNIT 7: RELATIONAL DATABASE AND SQL

UNIT 8: INTERFACE PYTHON WITH SQL

PT2 EXAMS : THEORY – UNIT 7, UNIT 8



PRACTICAL – UNIT 7, UNIT 8

**QUESTION PAPER PATTERN**

AS PER THE LATEST CBSE PATTERN

**PHYSICAL EDUCATION(048)**

**PT-1**

1. PLANNING IN SPORTS
2. SPORTS AND NUTRITION
3. YOGA AND LIFESTYLE 1 TO 6 QUESTIONS 1 MARK 7 TO 12 QUESTIONS 2 MARK 13 TO 16 QUESTIONS 3 MARK

**SYLLABUS HALF YEARLY**

1. PLANNING IN SPORTS
  2. SPORTS AND NUTRITION
  3. YOGA AND LIFESTYLE
  4. PHYSICAL EDUCATION AND SPORTS FOR CWSN
  5. CHILDREN AND WOMEN IN SPORTS
  6. TEST AND MEASUREMENT IN SPORTS
  7. PHYSIOLOGY AND INJURIES IN SPORTS
- 1 TO 11 QUESTIONS 1 MARK 12 TO 19 3 MARK 20 TO 26 QUESTIONS 5 MARK

SYLLABUS PT-2 1 TO 6 QUESTIONS 1 MARK 7 TO 12 QUESTIONS 2 MARK 13 TO 16 QUESTIONS 3 MARK

1. BIOMECHANICS AND SPORTS
2. PSYCHOLOGY AND SPORTS
3. TRAINING IN SPORTS

**QUESTION PAPER PATTERN**

AS PER THE LATEST CBSE PATTERN