

# **SYLLABUS FOR THE YEAR**

**SESSION 2023-24**

**GRADE – 11<sup>th</sup>**  
**(NON-MEDICAL)**

**ENGLISH(301)**

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

## **LITERATURE**

### **BOOK-A(HORNBILL)**

- CHAPTER 1- THE PORTRAIT OF A LADY

### **BOOK-B(SNAPSHOTS)**

- CHAPTER 1-THE SUMMER OF THE BEAUTIFUL WHITE HORSE
- CHAPTER 2- THE ADDRESS

## **POETRY**

A PHOTOGRAPH

THE LABURNUM TOP

**GRAMMAR-:** TENSES, MODALS, DETERMINERS, POSTERS, ERRORS, REORDERING SENTENCES, DESCRIPTIVE PARAGRAPH, STORY, UNSEEN PASSAGE, STANZA, EXTRACT (PROSE), TENSES

## **TERM-2**

## **LITERATURE**

### **(BOOK-A)**

- CHAPTER 2 WE ARE NOT AFRAID TO DIE IF WE CAN BE TOGETHER
- CHAPTER 3 DISCOVERING TUT :THE SAGA CONTINUES
- CHAPTER 4 THE ADVENTURE

### **BOOK-B**

- CHAPTER 3 MOTHER'S DAY(PLAY)
- CHAPTER 4 BIRTH

## **POETRY**

THE VOICE OF THE RAIN  
CHILDHOOD

**GRAMMAR:-** TENSES, MODALS, DETERMINERS, SUBJECT- VERB  
CONCORD, REPORTED SPEECH, DESCRIPTIVE ,ERRORS, REORDERING  
SENTENCES, PARAGRAPH, STORY, UNSEEN PASSAGE, STANZA, EXTRACT  
(PROSE)

- HALF YEARLY EXAM
- TERM 2+ TERM+1

**TERM 3 (PT-2)**

**BOOK-A**

CHAPTER-5 SILK ROAD

**BOOK-B**

- CHAPTER 5 THE TALE OF MELON CITY

**POETRY**

- FATHER TO SON

**GRAMMAR:-** TENSES, MODALS, DETERMINERS, SUBJECT- VERB  
CONCORD, REPORTED SPEECH, DESCRIPTIVE PARAGRAPH, STORY,  
UNSEEN PASSAGE, STANZA, EXTRACT (PROSE)

**ACTIVITIES:-** ROLE PLAY, DEBATE, DECLAMATION, PICTURE WRITING,  
COMPREHENSION (QUESTION FRAMING)

**ANNUAL EXAMINATION**

TERM 3 +HALF YEARLY

**QUESTION PAPER PATTERN**

AS PER THE LATEST CBSE PATTERN

**PHYSICS(042)**

**BOOK :** NCERT  
**PUBLISHER :** M.SIRAJ ANWAR

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

**CHAPTER-1** - PHYSICAL WORLD AND MEASUREMENT  
**CHAPTER-2** - UNITS AND MEASUREMENTS  
**CHAPTER-3** - MOTION IN A STRAIGHT LINE

**SYLLABUS OF PT-1 EXAMINATION:**

CHAPTER – 1, 2 AND 3

## **TERM-2**

<b>CHAPTER-4</b>	-	MOTION IN A PLANE
<b>CHAPTER-5</b>	-	LAW OF MOTION
<b>CHAPTER-6</b>	-	WORK, ENERGY AND POWER
<b>CHAPTER-7</b>	-	SYSTEM OF PARTICLES AND ROTATIONAL MOTION

### **SYLLABUS OF HALF-YEARLY EXAMS:**

<b>CHAPTER-2</b>	-	UNITS AND MEASUREMENTS
<b>CHAPTER-4</b>	-	MOTION IN A PLANE
<b>CHAPTER-5</b>	-	LAW OF MOTION
<b>CHAPTER-6</b>	-	WORK, ENERGY AND POWER
<b>CHAPTER-7</b>	-	SYSTEM OF PARTICLES AND ROTATIONAL MOTION

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

<b>CHAPTER-8</b>	-	GRAVITATION
<b>CHAPTER-9</b>	-	MECHANICAL PROPERTIES OF SOLIDS
<b>CHAPTER-10</b>	-	MECHANICAL PROPERTIES OF FLUIDS
<b>CHAPTER-11</b>	-	THERMAL PROPERTIES OF MATTER
<b>CHAPTER-12</b>	-	THERMODYNAMICS
<b>CHAPTER-13</b>	-	KINETIC THEORY
<b>CHAPTER-14</b>	-	OSCILLATIONS
<b>CHAPTER-15</b>	-	WAVES

### **SYLLABUS OF ANNUAL EXAMINATION**

**CHAPTER-1,2,3,4,5,6,7,8,9,10,11,12,13,14,15**

### **QUESTION PAPER PATTERN**

**AS PER THE LATEST CBSE PATTERN**

# **MATHEMATICS(041)**

**BOOK: NCERT**

**CHAPTER 1. SETS**

**CHAPTER 2 RELATIONS AND FUNCTIONS**

**CHAPTER 3 TRIGONOMETRY**

**CHAPTER 4 COMPLEX NUMBERS**

**CHAPTER 5 LINEAR INEQUALITIES**

## **SYLLABUS FOR PT1 EXAMINATION**

CHAPTERS 1 ,2, 3, 4

CHAPTER 6 PERMUTATIONS AND COMBINATIONS

CHAPTER 7 BINOMIAL

CHAPTER 8 SEQUENCES AND SERIES

CHAPTER 9 STRAIGHT LINES

## **SYLLABUS FOR HALF YEARLY EXAMINATION**

CHAPTERS 1 TO 9

CHAPTER 10 CONIC SECTIONS

CHAPTER 11 THREE DIMENSIONAL GEOMETRY

CHAPTER 12 LIMITS AND DERIVATIVES

## **SYLLABUS FOR PT2 EXAMINATION**

CHAPTERS 10, 11, 12

CHAPTER 13 STATISTICS

CHAPTER 14 PROBABILITY

## **QUESTION PAPER PATTERN**

AS PER THE LATEST CBSE PATTERN

# **CHEMISTRY(043)**

## **TERM-1**

CH-1 (SOME CONCEPTS OF CHEMISTRY)

CH-2 (STRUCTURE OF ATOM)

CH-3 ( PERIODIC CLASSIFICATION OF ELEMENTS)

## **HALF YEARLY EXAM**

CH - 4 CHEMICAL BONDING OR MOLECULAR STRUCTURE

CH-5 CHEMICAL THERMODYNAMICS

CH-6 EQUILIBRIUM

CH-7 REDOX REACTION

## **TERM 2**

CH - 8 ORGANIC CHEMISTRY SOME BASIC PRINCIPLES AND TECHNIQUES

CH - 9 HYDROCARBONS

## **ANNUAL EXAMS**

CH-1 (SOME CONCEPTS OF CHEMISTRY)

CH-2 (STRUCTURE OF ATOM)

CH-3 ( PERIODIC CLASSIFICATION OF ELEMENTS

CH - 4 CHEMICAL BONDING OR MOLECULAR STRUCTURE

CH-5 CHEMICAL THERMODYNAMICS

CH-6 EQUILIBRIUM

CH-7 REDOX REACTION

CH - 8 ORGANIC CHEMISTRY SOME BASIC PRINCIPLES AND TECHNIQUES

CH - 9 HYDROCARBONS

### **QUESTION PAPER PATTERN**

AS PER THE LATEST CBSE PATTERN

## **PHYSICAL EDUCATION(048)**

### **TERM-1**

1. CHANGING TRENDS AND CAREER IN PHYSICAL EDUCATION
2. OLYMPIC VALUE EDUCATION
3. PHYSICAL FITNESS WELLNESS AND LIFESTYLE

### **SYLLABUS HALF YEARLY**

1. CHANGING TREND SEND CAREER IN PHYSICAL EDUCATION
- 2.OLYMPIC VALUE EDUCATION
- 3.PHYSICAL FITNESS WELLNESS AND LIFESTYLE
- 4.PHYSICAL EDUCATION AND SPORTS FOR CWSN
5. YOGA
6. PHYSICAL ACTIVITY AND LEADERSHIP TRAINING
7. TEST ,MEASUREMENT AND EVALUATION

### **SYLLABUS PT-2**

1. FUNDAMENTALS OF ANATOMY PHYSIOLOGY AND KINESIOLOGY IN SPORTS
2. PSYCHOLOGY AND SPORTS
3. TRAINING AND DOPING IN SPORTS

### **QUESTION PAPER PATTERN**

AS PER THE LATEST CBSE PATTERN

## **INFORMATICS PRACTICES (065)**

**BOOK: INFORMATICS PRACTICES WITH PYTHON**

**PUBLISHER: SULTAN CHAND**

**TERM 1**

UNIT 1: COMPUTER SYSTEM

UNIT 2: GETTING STARTED WITH PYTHON

UNIT 3: PYTHON PROGRAMMING FUNDAMENTALS

**PRACTICAL CHAPTERS**

UNIT 2: GETTING STARTED WITH PYTHON

UNIT 3: PYTHON PROGRAMMING FUNDAMENTALS

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

PRACTICAL – UNIT 2, UNIT 3

**TERM 2**

UNIT 3: PYTHON PROGRAMMING FUNDAMENTALS

UNIT 4: CONDITIONAL AND LOOPING CONSTRUCTS

UNIT 5: LISTS IN PYTHON

UNIT 6: DICTIONARY

**PRACTICAL CHAPTERS**

UNIT 3: PYTHON PROGRAMMING FUNDAMENTALS

UNIT 4: CONDITIONAL AND LOOPING CONSTRUCTS

UNIT 5: LISTS IN PYTHON

UNIT 6: DICTIONARY

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

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

**TERM 3**

UNIT 7: DATABASE CONCEPTS

UNIT 8: STRUCTURED QUERY LANGUAGE (SQL)

UNIT 9: EMERGING TRENDS

**PRACTICAL CHAPTERS**

UNIT 7: DATABASE CONCEPTS

UNIT 8: STRUCTURED QUERY LANGUAGE (SQL)

PT2 EXAMS : THEORY – UNIT 7, UNIT 8, UNIT 9

PRACTICAL – UNIT 7, UNIT 8

**QUESTION PAPER PATTERN**

AS PER THE LATEST CBSE PATTERN

