

## **HALF YEARLY SYLLABUS CLASS 11**

### **BIOLOGY**

UNIT I:- DIVERSITY IN THE LIVING

UNIT II:- STRUCTURAL ORGANISATION IN PLANTS AND ANIMALS, ANATOMY OF FLOWERING PLANTS

UNIT III:- CELL:STRUCTURE AND FUNCTION

UNIT IV:- PLANT PHYSIOLOGY (TRANSPORT IN PLANTS)

### **BST**

1. BUSINESS STUDIES
2. NATURE AND PURPOSE OF BUSINESS
3. FORMS OF BUSINESS ORGANISATION
4. FORMATION OF A COMPANY
5. PRIVATE, PUBLIC AND GLOBAL ENTERPRISES
6. BUSINESS SERVICES
7. INTERNATIONAL TRADE (PART 1 &2) NOTE: EXCEPT FOR IMPORT AND EXPORT PROCEDURE)

### **CHEMISTRY**

1. SOME BASIC CONCEPT OF CHEMISTRY
2. ATOMIC STRUCTURE
3. CLASSIFICATION OF ELEMENTS
4. STATES OF MATTER
5. ENVIRONMENTAL CHEMISTRY

### **COMP SCIENCE**

1. COMPUTER OVERVIEW
2. SOFTWARE CONCEPT (TILL 2.7.3) AND 2.10

3. DATA REPRESENTATION ( TILL 3.4.3)
4. MICROPROCESSOR BASICS AND MEMORY CONCEPTS( TILL 4.3.3)
5. GETTING STARTED WITH C++
6. DATA HANDLING
7. OPERATORS AND EXPRESSIONS IN C++
8. C++ AS PER LATEST C++II STANDARD
9. FLOW OF CONTROL FUNCTIONS(ONLY 11.1 INTRODUCTION AND 11.9(STDIO.H,IOSTREAM.H,STRING.H,MATH.H,CTYPE.H,IOMANIP.H))

## ECONOMICS

### INDIAN ECONOMICS

#### SYLLABUS OF UT 1 PLUS

- POVERTY
- HUMAN CAPITAL FORMATION
- RURAL DEVELOPMENT.

### STATISTICS

#### SYLLABUS UT1 PLUS

- ORGANISATION OF DATA
- PRESENTATION OF DATA
- MEASURES OF CENTRAL TENDENCY ( MEAN AND MEDIAN)

## **ENGINEERING GRAPHICS**

<b>S.NO</b>	<b>TOPICS</b>
-------------	---------------

- |    |  |
|----|--|
| 1. | LINE, ANGLES AND RECTILINEAR FIGURES             |
| 2. | CIRCLES AND TANGENTS                             |
| 3. | SPECIAL CURVES                                   |
| 4. | ORTHOGRAPHIC PROJECTION OF A LINE                |
| 5. | ORTHOGRAPHIC PROJECTION OF PLANE FIGURES         |
| 6. | ORTHOGRAPHIC PROJECTION OF SOLIDS                |
| 7. | ORTHOGRAPHIC PROJECTION OF SIMPLE MACHINE BLOCKS |

## **ENGLISH**

WRITING SKILLS :

1. LETTER OF ENQUIRY
2. LETTER OF ORDER
3. NOTICE WRITING
4. ARTICLE
5. LETTER TO THE EDITOR

NOVEL : ANIMAL FARM

BBSR : BUBBLE GUM SYNDROME, ANDAMAN ISLANDERS

HORNBILL AND SNAPSHOTS : FATHER TO SON, CHILDHOOD, BIRTH, PORTRAIT OF A LADY, SUMMER OF THE BEAUTIFUL WHITE HORSE, THE ADDRESS, MOTHER'S DAY.

## **FINE ARTS**

**\_(THEORY, PRACTICAL)**

### **THEORY**

ART - AN INTRODUCTION

PRE-HISTORIC ROCK PAINTINGS.

ART OF INDUS VALLEY.

THE ART DURING MAURYAN, SHUNGA, KUSHANA AND GUPTA PERIODS.

THE ART OF AJANTA CAVES AND RAVANA SHAKING MOUNT KAILASH.

## **GEOGRAPHY**

1. GEOGRAPHY AS A DISCIPLINE
2. THE ORIGIN AND EVOLUTION OF THE EARTH
3. INTERIOR OF THE EARTH
4. DISTRIBUTION OF OCEANS AND CONTINENTS
5. MINERALS AND ROCKS
6. GEOMORPHIC PROCESSES

7. LANDFORMS AND THEIR EVOLUTION
8. COMPOSITION AND STRUCTURE OF ATMOSPHERES
9. SOLAR RADIATION, HEAT BALANCE AND TEMPERATURE
10. ATMOSPHERIC CIRCULATION AND WEATHER SYSTEMS.

### **HISTORY**

1. FROM THE BEGINNING OF TIME
2. WRITING AND CITY LIFE
3. THE ROMAN EMPIRE
4. CENTRAL ISLAMIC LANDS
5. NOMADIC EMPIRES

### **(POLITICAL SCIENCE)**

#### **BOOK I- INDIAN CONSTITUTION AT WORK**

1. CONSTITUTION: WHY & HOW?
2. RIGHTS IN THE INDIAN CONSTITUTION
3. ELECTION & REPRESENTATION
4. EXECUTIVE
5. LEGISLATURE
6. JUDICIARY
7. FEDERALISM
8. LOCAL GOVERNMENT
9. CONSTITUTION AS A LIVING DOCUMENT

### **INFORMATICS PRACTICES**

1. HARDWARE CONCEPTS
2. SOFTWARE CONCEPTS & PRODUCTIVITY TOOLS
3. INFORMATION SECURITY AND SOCIAL NETWORKING
4. GETTING STARTED WITH IDE PROGRAMMING
5. PROGRAMMING FUNDAMENTALS
6. CONTROL STRUCTURES TILL PAGE NO. 161 (EXCLUDING LIST AND COMBO BOX SWING CONTROLS)

## **MATHS**

CHAPTER 1. SETS  
CHAPTER 2. RELATIONS AND FUNCTIONS  
CHAPTER 3. TRIGONOMETRY  
CHAPTER 4. PRINCIPLE OF MATHEMATICAL INDUCTION  
CHAPTER 5. COMPLEX NUMBERS  
CHAPTER 6. LINEAR INEQUALITIES  
CHAPTER 8. BINOMIAL THEOREM  
CHAPTER 13. LIMITS AND DERIVATIVES

## **PHYSICAL EDUCATION**

1. CHANGING TRENDS AND CAREER IN PHYSICAL EDUCATION
2. PHYSICAL FITNESS, WELLNESS & LIFESTYLE
3. OLYMPIC MOVEMENT
4. YOGA
5. TEST AND MEASUREMENT IN SPORTS

## **PHYSICS**

### SYLLABUS

1. UNITS AND DIMENSIONS
2. VECTORS
3. MOTION IN ONE DIMENSION
4. MOTION IN TWO DIMENSION
5. LAWS OF MOTION
6. COLLISION FROM WORK POWER ENERGY

## **PSYCHOLOGY**

1: WHAT IS PSYCHOLOGY

- 2: METHODS OF ENQUIRY IN PSYCHOLOGY
- 3: THE BASES OF HUMAN BEHAVIOR
- 5: SENSORY, ATTENTIONAL AND PERCEPTUAL PROCESSES
- 6: LEARNING

**SYLLABUS FOR CLASS 11(HALF YEARLY) : ACCOUNTANCY**

- 1. MEANING AND OBJECTIVES OF ACCOUNTING
- 2. BASIC ACCOUNTING TERMS
- 3. ACCOUNTING PRINCIPLES
- 4. PROCESSES AND BASES OF ACCOUNTING
- 5. ACCOUNTING STANDARDS AND IFRS
- 6. ACCOUNTING EQUATION
- 7. DOUBLE ENTRY SYSTEM
- 8. SOURCE DOCUMENTS OF ACCOUNTANCY
- 9. JOURNAL
- 10. CASH BOOK
- 11. SPECIAL PURPOSE SUSIDIARY BOOKS
- 12. LEDGER
- 13. TRIAL BALANCE
- 14. BANK RECONCILIATION STATEMENT
- 15. DEPRECIATION
- 16. PROVISIONS AND RESERVES.