

## **Syllabus of Class XI (Commerce)**

### **Mathematics**

#### **SECONDDTERM SYLLABUS**

1. Trigonometric Functions
2. Permutation and combination
3. Brief Review of Cartesian System of rectangular Co-ordinates
4. Conic Section
5. Limits and Derivatives (Half)
6. Probability
7. Linear Inequation

#### **FIRST PERIODIC CHAPTERS:**

1. Conic Section
2. Probability

#### **SECOND PPERIODIC CHAPTER:**

1. Limits and Derivatives
2. Trigonometric functions

### **ECONOMICS**

#### **TERM II**

##### **PART A - Statistics for Economics**

Unit 3 :- Statistics tools and Interpertation

Measure of Dispersion

Correlation

Index Number

##### **Part B- Introductory Microeconomics**

Unit 6 : Producer Behaviour and Supply

Meaning of Production Function

cost

Revenue

Unit 7: From of Market

Perfect Competition

Simple Applications of Demand and supply

Books NCERT

TR Jain

## **INFORMATICS PRACTICES**

### **TERM II**

#### **Unit 3**

##### **Database concepts and the Structured Query Language**

- Database Concepts Introduction to database concepts and its need. Database Management system Relational data model: concept of attribute domain, tuple, relation, candidate key, primarykey alternate key, foreign key.
- Structured Query language Data Definition Language, Data Query Language and Data Manipulation Language, Introduction to My SQL Creating a Database, using database, showing tables using My SQL,
- Data Types: Char, varchar, int, float, date.
- Data Definition Commands CREATE, DROP, ALTER ((Add and Remove Primary key, attribute) Data Query Commands SELECT-FROM-WHERE, LIKE, BETWEEN, IN, ORDER BY, using arithmetic, local, relational operators and NULL values in queries, Distinct clause Data MANIPULATION Commands INSERT, UPDATE, DELETE.

#### **Unit- 4**

##### **Introduction to the Emerging Trends**

- Artificial Intelligence, Machine Learning, Natural Language Processing,
- Immersive experience (AR,VR), Robotics
- Big data and its Characteristics, Internet of Things (IoT), Sensors, Smart cities,
- Cloud Computing and Cloud Services (SaaS, LaaS, PaaS);
- Grid Computing, Block chain technology.

**Programs in practical File**

## **ACCOUNTANCY**

### **TERM II**

#### **Part A**

##### **Unit-2**

##### **Accounting Process:**

1. Accounting for Bills of Exchange
2. Trial Balance and Rectification of Errors

#### **Part B**

##### **Unit 3**

Ch-19 Financial Statement of Sole Proprietorship

Ch-20 Adjustments in Preparation of financial Statements

Ch-21 Accounting from Incomplete Records Single Entry System

##### **Unit 4**

Ch-22 Computers and Accounting

##### **Project**

Financial Statements and Depiction using diagrammatic / Graphical tools

## **English**

(Term-II)

1. HORNBILL (READER)
2. SNAPSHOTS (Supplementary Reader)

1. Reading Comprehension

Unseen Passage

Note making

1. Creative Writing Skills and Grammar,

Short Writing Task

Posters

Long Writing Tasks

Official Letters

Debate

Grammar

Determiners

Tenses

Reading of Sentences

1. Literature Book- HORNBILL

1. The Ailing Planet
2. The Browning Version
3. Silk Road

Poetry

1.

1. The Voice of the Rain
2. Childhood

BOOK-SNAPSHOTS

1. Albert Einstein at School
2. Mother's Day
3. Birth

**MUSIC VOCAL**

L-1 Thaata, Jaati, Laya, Tata, Margi\_Desai

L-2 Dhrupad and Tarana

L-3 Life Sketch

L-4 Knowledge of the Structure of Tanpura

L-5 RaagBhimplasi Description with Notation

### **Periodic Test**

L-1 Thaata, Jaati, Tala

L-2 Dhrupad

L-3 Life sketch Tansen

L-4 Tanpura

L-5 Bhimplasi Description

## **PHYSICAL EDUCATION (048)**

### **TERM II**

#### **Theory**

Ch- 6 Physical Activity and Leadership Training

Ch-7 Test, Measurement and Evaluation

Ch-8 Fundamentals of Anatomy, Physiology and Kinesiology in Sports.

Ch-9 Psychology and Sports

Ch-10 Training and Doping in Sports.

## **BUSINESS STUDIES**

### **TERM II**

Part B Finance and Trade

Unit-7 Sources of Business Finance

Unit- 8 Small Business and Enterprises

Unit- 9 Internal Trade

Unit-10 International Business

Project Work