

DELHI POLICE PUBLIC SCHOOL

HALF YEARLY SYLLABUS

CLASS XI (2018 – 19)

GEOGRAPHY: (THEORY)

Text book: 1. Physical geography.

Chapter: 1 geography as a discipline.

Chapter:5. Theory of plate tectonic and continental drift theory.

Chapter. 8. Structure and composition.

Chapter: 9. Solar radiation, heat balance,

Chapter: 10. Air pressure and cyclones.

Textbook. 2. India: physical geography.

Chapter. 1. India: size and location.

Chapter. 2. India: physiography.

Chapter: 4. Climate.

PRACTICALS.

1. STUDY OF THE WORLD MAP. 2. STUDY OF
2. THE MAP OF INDIA.
3. CLIMOGRAPH.
4. DRAWING OF CONTOUR LINES.
5. LONGITUDE AND TIME CALCULATION.

ENGLISH CORE

HORNBILL

Ch. 1, 2, 3, 4 and 5

Poems: A Photograph (pg 11), The Laburnum Top (pg 31), The Voice Of the Rain (pg 41)

SNAPSHOT

Ch. 1 and 2

WRITING SKILLS

Notice Writing, Report (Magazine and Newspaper), Letter to the Editor, Article, Note Making

Integrated Grammar

POLITICAL SCIENCE

**TEXT BOOK: 1.INDIAN
CONSTITUTION AT WORK**

FROM CHAPTER 1 TO 10

Ch1 Constitution: Why and how

Ch 2 Rights in the Indian Constitution

Ch 3 Election and Representation

Ch 4 Executive

Ch 5 Legislature

Ch 6 Judiciary

Ch 7 Federalism

Ch 8 Local Government

Ch 9 Constitution as a living Document

Ch 10 Philosophy of the Indian
Constitution.

ACCOUNTANCY

- Chapter 1 Introduction to accounting
- Chapter 2 Basic Accounting terms
- Chapter 3 Accounting Standards
- Chapter 4 Bases of Accounting
- Chapter 5 Accounting Equation
- Chapter 6 Accounting Procedure- Debit and Credit
- Chapter 7 Preparation of vouchers
- Chapter 8 Journal
- Chapter 9 Ledger
- Chapter 10 Special purpose book 1- Cash Book
- Chapter 11 Special purpose book 2- Other Books
- Chapter 12 Bank Reconciliation Statement

BUSINESS STUDIES

- Chapter 1 Nature and purpose of business
- Chapter 2 Forms of business organization
- Chapter 3 Private, Public, Global Enterprises
- Chapter 4 Business Services
- Chapter 5 Emerging Modes of business
- Chapter 6 Social Responsibility of Business
- Chapter 7 Formation of a company

PSYCHOLOGY

- Chapter 1, 2, 3, 4, 5

CHEMISTRY

- CHAPTER 1: Some basic concepts of Chemistry
- Chapter 2 : Structure of atom
- Chapter 3: Classification of elements
- Chapter 4: Chemical Bonding
- Chapter 12: Organic Chemistry: Some basic principles and techniques
- Chapter 14 :Environmental Chemistry

PHYSICS

- Chapter 1 Units and Measurements
- Chapter 2 Kinematics
- Chapter 3 Laws of Motion
- Chapter 4 Work, Energy and Power
- Chapter 5 Motion of System of Particles and Rigid Body

BIOLOGY

- Chapter-1 The Living World
- Chapter-2 Biological classification
- Chapter-3 Plant Kingdom
- Chapter-4 Animal kingdom
- Chapter-5 Morphology of Flowering Plants
- Chapter-6 Anatomy of Flowering Plants
- Chapter-7 Structural Organisation of Animals
- Chapter-8 Cell: The Unit of Life
- Chapter-9 Biomolecules
- Chapter-10 Cell Cycle and Cell Division

ECONOMICS

INTRODUCTORY MICROECONOMICS

Unit 1,2

STATISTICS

Chapter 1, 2, 3 (M.N Shah)

MATHS

Chapter 1 Sets

Chapter 2 Relations and Functions

Chapter 3 Trigonometric Functions

Chapter 4 P.M.I

Chapter 5 Complex Numbers and Quadratic Equations

Chapter 6 Linear Inequalities

Chapter 7 Permutations and Combinations

Chapter 8 Binomial Theorem

HINDUSTANI VOCAL MUSIC

Chapter 1- Definitions

Chapter 2- Biographies

Chapter 3- Biographies

Chapter 4- Brief History of DRUPAD, KHYAL and TARANA

Chapter 6- Description of Ragas- Bihag, Vrindavani Saarang

Chapter 7- Notation of Talas-Dadra, Kehrwa, Teen taal, Char taal, ek taal

PHYSICAL EDUCATION

Unit 1- Changing trends and careers in Physical education

Unit 2- Olympic movement

Unit 3- Physical fitness, wellness and lifestyle

Unit 4- Physical education and sports for differently-abled

Unit 5- Yoga

INFORMATICS PRACTICES

CH-1 HARDWARE CONCEPTS

CH-2 SOFTWARE CONCEPTS

CH-10 DATABASE CONCEPTS

CH-11 INTRODUCTION TO MYSQL

CH-12 SIMPLE QUERIES IN SQL

CH-13 MYSQL FUNCTIONS

CH-14 TABLE CREATION AND DATA
MANIPULATION COMMANDS

COMPUTER SCIENCE

UNIT-1: COMPUTER FUNDAMENTALS

(CH-1, CH-2, CH-4)

UNIT -2 INTRODUCTION TO PROGRAMMING

(CH-6,CH-7,CH-8,CH-9)

(TILL FOR LOOP)