

**DELHI POLICE PUBLIC SCHOOL**  
**HALF - YEARLY SYLLABUS**  
**CLASS XII (2018-19)**

**GEOGRAPHY : (THEORY)**

TEXT BOOK : 1. HUMAN GEOGRAPHY  
FROM CHAPTER 1 TO CHAPTER 10.

TEXT BOOK : 2. INDIA: PEOPLE AND ECONOMY  
CHAPTER : 2. MIGRATION.

CHAPTER: 4. HUMAN SETTLEMENT.

CHAPTER:12. GEOGRAPHICAL PROBLEMS OF SOME SELECTED ISSUES.

**GEOGRAPHY: (PRACTICALS)**

1. CALCULATION OF MEAN , MEDIAN.
2. DRAWING OF TRAFFIC FLOW CARTOGRAM, AGE-SEX PYRAMID
3. DRAWING OF DOT MAP.
4. DRAWING OF CHOROPLETH MAPS.
5. BAR GRAPHS, HISTOGRAM, POLYGON.

**POLITICAL SCIENCE:**

TEXT BOOK :1. CONTEMPORARY WORLD POLITICS  
FROM CHAPTER 1 TO 9.

CH 1 THE COLD WAR ERA

CH 2 THE END OF THE BIPOLARITY

CH 3 US HEGEMONY IN WORLD POLITICS

CH 4 ALTERNATIVE CENTERS OF POWER

CH 5 CONTEMPORARY SOUTH ASIA

CH 6 INTERNATIONAL ORGANISATIONS

CH 7 SECURITY IN THE CONTEMPORARY WORLD

CH 8 ENVIRONMENT AND NATURAL RESOURCES

CH 9 GLOBALISATION

**BUSINESS STUDIES**

CHAPTER 1 NATURE AND SIGNIFICANCE OF MANAGEMENT

CHAPTER2 PRINCIPLES OF MANAGEMENT

CHAPTER3 BUSINESS ENVIRONMENT

CHAPTER4 PLANNING CHAPTER5 ORGANIZING

CHAPTER6 STAFFING CHAPTER7 DIRECTING

CHAPTER8 CONTROLLING

CHAPTER11 MARKETING MANAGEMENT

**CHEMISTRY**

1.SOLID STATE

2. SOLUTIONS

3.ELECTROCHEMISTRY

4.SURFACE CHEMISTRY

5.CHEMICAL KINETICS

- 6. HALOALKANES AND HALOARENES
- 7. ALCOHOLS, PHENOLS AND ETHERS
- 8. ALDEHYDES, KETONES AND CARBOXYLIC ACIDS
- 9. ORGANIC COMPOUNDS CONTAINING NITROGEN
- 10. CHEMISTRY IN EVERYDAY LIFE

## **PHYSICS**

- CHAPTER 1 ELECTROSTATICS
- CHAPTER 2 CURRENT ELECTRICITY
- CHAPTER 3 MAGNETIC EFFECTS OF CURRENT AND MAGNETISM
  
- CHAPTER 4 ELECTROMAGNETIC INDUCTION AND ALTERNATING CURRENT
- CHAPTER 5 ELECTROMAGNETIC WAVES
- CHAPTER 6 RAY OPTICS

## **MATHEMATICS**

- CHAPTER 1 RELATION AND FUNCTION
- CHAPTER 2 INVERSE TRIGONOMETRIC FUNCTIONS
- CHAPTER 3 MATRICES
- CHAPTER 4 DETERMINANTS
- CHAPTER 5 CONTINUITY AND DIFFERENTIATION
- CHAPTER 6 APPLICATION OF DERIVATIVES
- CHAPTER 7 INTEGRATION
- CHAPTER 8 APPLICATION OF INTEGRATION

## **BIOLOGY**

- CHAPTER- REPRODUCTION IN ORGANISMS
- CHAPTER- SEXUAL REPRODUCTION IN FLOWERING PLANTS
- CHAPTER- HUMAN REPRODUCTION
- CHAPTER- REPRODUCTIVE HEALTH
- CHAPTER- PRINCIPLES OF INHERITANCE AND VARIATION
- CHAPTER- MOLECULAR BASIS OF INHERITANCE
- CHAPTER- EVOLUTION
- CHAPTER- HUMAN HEALTH AND DISEASE
- CHAPTER- MICROBES IN HUMAN WELFARE
- CHAPTER- STRATEGIES IN FOOD PRODUCTION

## **PHYSICAL EDUCATION**

- UNIT 1 – PLANNING IN SPORTS
- UNIT 2- SPORTS AND NUTRITION
- UNIT 3- YOGA AND LIFESTYLE
- UNIT 4- PHYSICAL EDUCATION AND SPORTS FOR CWSN (CHILDREN WITH SPECIAL NEEDS)
- UNIT 5- CHILDREN AND SPORTS
- UNIT 6- WOMEN AND SPORTS.

## **COMPUTER SCIENCE**

- CH – 13. BOOLEAN ALGEBRA

CH – 1. REVISION TOUR  
CH – 3. FUNCTION OVERLOADING  
CH – 11. DATABASE CONCEPTS  
CH – 12. SQL COMMANDS  
CH – 4. CLASSES AND OBJECTS  
CH – 2. OOPS CONCEPTS  
CH – 5. CONSTRUCTORS AND DESTRUCTORS  
CH-6 .INHERITANCE (EXTENDING CLASSES)  
CH-14. NETWORKING

### **INFORMATICS PRACTICES**

L-8. MySQL REVISION TOUR  
CH-15 MORE ON SQL-GROUPING RECORDS AND TABLE JOINS  
CH-16 TABLES AND INTEGRITY CONSTRAINTS  
L-9 WEB APPLICATION DEVELOPMENT  
L-10 HTML-I BASIC ELEMENTS  
L-11 HTML-II LISTS, TABLES & FORMS  
L-3. JAVA GUI PROGRAMMING REVISION TOUR–I  
L-4. JAVA GUI PROGRAMMING REVISION TOUR–II  
L-5. JAVA GUI PROGRAMMING REVISION TOUR–III  
L-6. MORE ABOUT CLASSES AND LIBRARIES  
L-11. IT APPLICATIONS

### **ECONOMICS**

UNIT 1 TO 4 INTRODUCTORY MICROECONOMICS  
UNIT 5 TO 6 INTRODUCTORY MACROECONOMICS

### **ACCOUNTANCY**

- 1, FUNDAMENTALS OF PARTNERSHIP
- 2.NATURE OF GOODWILL
- 3.RECONSTITUTION OF PARTNERSHIP
- 4.ADMISSION OF A PARTNER
5. RETIREMENT AND DEATH OF A PARTNER
6. DISSOLUTION OF PARTNERSHIP
7. PREPARATION OF BALANCE SHEET AS PER SCHEDULE III OF COMPANIES ACT
8. COMPARATIVE AND COMMON SIZE STATEMENTS
- 9.THEORY OF ANALYSIS OF FINANCIAL STATEMENTS
10. RATIO ANAYSIS (UPTO INVENTORY TURNOVER RATIO)