

## SYLLABUS 2020-2021

**Class :X**  
**Subject : COMPUTER APPLICATIONS**  
**Book : COMPUTER APPLICATIONS (CLASS X)**  
**Publisher : DHANPAT RAI AND CO.**

### Term 1

1. Revision of chapters 1,2,3,4,10& 9

\* Revision of Class 9 programming using all if....else, for , while, do...while and switch case with programs.

2. Chapter 5 (Functions)

- \* Introduction to functions
- \* Types of functions
- \* Call by value and call by reference.
- \* Pure and impure function.
- \* Function overloading

### Term 2

1. Chapter 12 (Arrays)

- \* Introduction
- \* Types of arrays
- \* Programming Using s.d.a and basics of d.d.a.

---

#### Contact Us

- \* Sorting, searching and array manipulation

- \* Using call value/reference method

## 2. Chapter 6 (Constructors)

- \* Introduction to constructor with their types and programming

### **Term 3**

1. Continuation of programming using constructor

2. Chapter 8 (Library classes)

- \* Explanation of all inbuilt string methods

- \* Explanation of all access specifiers, exceptions, scanner classes etc.

3. Chapter 7 ( Class as user defined type)

4. Chapter 11 (Encapsulation)

### **Term 4**

Revision of all the topics

Worksheets

Discussion of Sample Question papers

---

#### **Contact Us**

Seth M.R. Jaipuria School, VineetKhand, Gomti Nagar, Lucknow – 226010, U.P., India  
Phone: +91-522-2726502, 8009858887