

## SYLLABUS 2026-2027

**Class : 10**

**Subject : Computer Applications**

**Book : COMPUTER APPLICATIONS (CLASS X)**

**Publisher : DHANPAT RAI AND CO.**

### Term 1

1. Introduction to functions:

- Introduction to functions
- Types of functions
- Call by value
- Revision of if else, switch, loops using functions
- Revision of programs on loops, pattern printing using functions.

2. String handling

- Input and output of Strings
- Traversing a String and extracting characters
- Library functions of String handling

and call by reference.

\* Pure and impure function.

\* Function overloading

### Term 2

1. String handling continued –

- Call by reference
- Pure and impure functions
- Function overloading

#### **Contact Us**

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2. Chapter 12 (Arrays)

- Introduction
- Types of arrays
- Programming Using Single & double dimensional arrays
- 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

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