

SYLLABUS 2019-2020

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 9th 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)
 - i) Introduction
 - ii) Types of arrays
 - iii) Programming Using s.d.a and basics of d.d.a.
 - iv) Sorting, searching and array manipulation
 - v) 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

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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)

NOTE : Assignments based questions on all above topics

Term 4

- Revision of whole programming and theory portion.
- Solving problems based on board exam.
- Assignment discussion.
- Some logical problems discussion.
- Special tips.

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