

## **SUBJECT : COMPUTER SCIENCE (CLASS XI)**

**Book Name : COMPUTER SCIENCE(SUMITA ARORA) DHANPAT RAI AND CO.**

### **PERIOD ORDER 1:**

1. Revision of class 10<sup>th</sup> programming  
Chapter 3 , 4, 5 , 6, 7, 8 ,9 , 10 and 11
2. Chapter 1 Data Representation
  - \* Number systems
  - \* Conversions
  - \* Binary arithmetic

### **PERIOD ORDER 2:**

3. Chapter 11 (Arrays)
  - i) Single dimensional array and double dimensional array.
  - ii) Library methods
4. Chapter 2 (Logic and hardware)
  - i) Propositional logic
  - ii) Basic gates and universal gates
  - iii) Truth table , wff and logic gate diagrams.
  - iv) Half adder, full adder and Boolean laws.
5. Chapter 13: Trends in Computing and Ethical issue
  - i) Artificial Intelligence,
  - ii) Internet of Things
  - iii) Cyber Security, privacy, spam, phishing
  - iv) Software Copyright and patents and free foundation

### **Period Order 3-**

1. Chapter 12(Operation on files)
  - i) String tokenizer class
  - ii) Exception handling
  - iii) Operations using text files
  - v) Operations using binary files
  - vi) File operations
  - vii) I/O in files
  - viii) I/O using scanner

#### **Contact Us**

## Period Order 4-

1. Chapter 8 (Function : Recursion)
  - i) Introduction to recursion
  - ii) Using simple recursion

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### Contact Us

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