

Delhi Public school, Jammu

Assignment- 1 (2017-18)

Class : XI

Subject : Computers

Chapter : 1 Computer Overview

Q1. What are the Software classifications ? Discuss their functioning in brief.

Q2. How are Computers classified? How are they different from one another ?

Q3. Write a detail note on the evolution of computers ?

Chapter : 2 Software Concepts

Q1. What type of services are provided by an Operating System ?

Q2. Explain the Concept of Virtual Storage.

Q3. Explain briefly the functions performed by an Operating System as an Processor Manager.

Q4. Distinguish between Proprietary and Free Software.

Chapter : 3 Data Representation

Q1. Convert the following hexadecimal numbers to Decimal :

a) A6 b) A13B

Q2. Convert the following decimal numbers to Hexadecimal :

a) 132 b) 2352

Q3. Convert the following Hexadecimal numbers to Octal :

a) 38AC b) 7FD6

Q4. Convert the following Octal numbers to binary :

a) 123 b) 3527

Q5. Convert the following binary numbers to Octal :

a) 111010 b) 110110101

Chapter : 4 Microprocessor Basics and Memory Concepts

Q1. What is the role of memory in a computer functioning ? What types of memory does the computer work with ?

Q2. What are Memory devices ? Discuss in detail.

Q3. Discuss the basic composition of a simple microprocessor .

Q4. What is the significance of Bus system of a microprocessor ?