Diploma / Integrated B.Tech 1st Semester Examination
June, 2014
Fundamental of Computer
Subject Code: CSL-001

Time Allowed: 03 hours. Maximum Marks: 100

Before answering the question paper the candidate should ensure that they have been supplied the correct question paper. Complaints in this regard, if any, shall not be entertained after the examination.

Note: Question No. 1 is Compulsory and attempt two questions from each section. All questions carry equal marks.

Q.1 (a) Define the term software and hardware. Also show the difference between them.
(b) Discuss the working of CD.
(c) Describe how we send email and it reaches to correct person.
(d) Discuss the working of laser printer. (5 x 4)

SECTION – A

2(a) Explain Computer. What is its need in today’s world? What are the characteristics of a computer explain in detail. (10)
(b) Define H.L.L along with its advantages and disadvantages over machine language. (10)

3(a) Write a short note on:
   i. ALU.
   ii. Registers
   iii. CU
   iv. CPU
(b) Explain Computer with its block diagram and functions of each component in detail. (10)

4(a) What is memory? What is its importance? Give the examples of different types of memories. (10)
(b) What is RAM? Explain SRAM and DRAM in detail. (10)

SECTION – B

5(a) Explain five commands of MS-Word and MS –Excel (10)
(b) What do you understand by the term OS? Explain with its functions. (10)

6(a) Explain LAN, WAN and MAN. Which one is better? (10)
(b) Explain client server architecture in detail with its block diagram. (10)

7(a) Explain the following: Channel, Workstation, wired media, Wireless media and Protocol. (10)
(b) Explain the process of browsing in detail with example. (6)
(c) Explain Request and Response protocol. (4)