Diploma / Integrated B.Tech 1st Semester Examination
June - July 2013
Fundamental of Computer
Subject Code: CSL - 001

Roll No. ……………….
Diploma / Integrated B.Tech 1st Semester Examination
June - July 2013
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: Attempt any five questions and all questions carry equal marks.

Section – A

Q1a) What is Assembly language? Explain with its advantages and disadvantages over machine level language. (10)
b) Explain hardware and software in detail with their classification. (10)

Q2a) What are input devices? What are they used for? Explain the following input devices in detail. (10)
i) Trackball
   ii) Joystick
   iii) Mouse
   iv) Keyboard
b) Explain Computer with its block diagram and functions of each component in detail. (10)

Q3a) Explain the complete classification of memory in detail. (7)
b) Differentiate between primary memory and secondary memory (7)
c) What are the functions of an Operating System? Explain in detail. (6)

Section – B

Q4 a) What is System and Software? Explain in detail and how they are co-related. (10)
b) What precautions should be taken while installing Software? (10)

Q5 a) Define Explain Bus, Star and Ring topologies in detail with their advantages and disadvantages. (10)
b) Define Networks with their need. Explain the three basic types of networks. (10)

Q6 a) What is TCP/IP protocol? Explain how it works. (10)
b) Explain the following terms: Hypertext, Hypermedia and Hyper link? (6)
c) Explain File transfer protocol and its use in detail. (4)