B.Sc. (With Credits)-Regular-Semester 2012 Sem I

COM-Sci-01 Computer Science-I
Paper- I (Information and Communication Technology)

P. Pages : 4

Time : Three Hours

Max. Marks : 50

Notes : 1. All questions are compulsory and carry equal marks.

2. Draw neat and clean diagrams wherever necessary.

3. Avoid vague answer and write answers relevant and specific to questions only.

1. **Either :**

   a) Explain block diagram of computer.   **5**

   b) Explain the characteristics of computer.   **5**

   OR

   c) Explain the types of primary memory.   **5**

d) Convert : 5

    i) $(1BD)_{16} = (?)_{10}$

    ii) $(1011101)_2 = (?)_8$

2. **Either :**

a) Write a note on Inkjet printer. 5

b) Explain any two scanning devices. 5

<div align="center">

OR

</div>

c) Explain plotters with its types. 5

d) Explain in detail : 5

    i) Hard disk.

    ii) Pen Drive.

3. **Either :**

a) Define operating system and give classification of operating system on basic of task. 5

b) Give features of windows. 5

OR

c) Write short note on :   **5**

  i)   My computer.

  ii) Control Panel.

d) List various Accessories supported by   **5**
windows and explain any two of them.

4.   **Either :**

a) Give concept of network Topology ?   **5**
Explain ring topology in detail.

b) Explain following services of internet.   **5**

  i)   WWW.

  ii) Video conferencing.

OR

c) Explain OSI model.   **5**

d) Give details about E-mail.   **5**

5. Attempt **all** the questions.

    a) Give advantages of computer.   **2½**

    b) What is Barcode Reader.   **2½**

    c) Explain window explorer.   **2½**

    d) Explain types of Network.   **2½**

****