

# Computer Science

(330)

## Tutor Marked Assignment

Max.Marks: 20

**Note :** (i) All questions are compulsory. The Marks allotted for each question are given beside the questions.

(ii) Write your name, enrollment numbers, AI name and subject on the first page of the answer sheet.

1. Answer any one of the following questions. 2
  - (a) Explain the concept of Primary Memory? Also explain RAM and ROM.(See Lesson 1)
  - (b) Write the 4 points of difference between 3 GL's and 4 GL's languages. (See Lesson 3))
  
2. Answer any one of the following questions. 2
  - (a) What is a selection statement? Explain with help of complete C++ program.  
(See Lesson 14)
  - (b) What are the different transmission modes? (See Lesson 5)
  
3. Answer any one of the following questions. 2
  - (a) Write the steps to send an E-mail. (See Lesson 7)
  - (b) Draw the logic circuit diagram for the following:
    - (i)  $(A+B')(B+A'C)$
    - (ii)  $X'Y + Y'Z + XYZ$  (See Lesson 2)
  
4. Answer any one of the following questions in about 100-150 words. 4
  - (a) Explain the different types of Operating System. (See Lesson 4)
  - (b) Explain the concept of Constructor and Destructor with the help of an example.  
(See Lesson 18)

5. Answer any one of the following questions in about 100 – 150 words. 4
- (a) Differentiate between
- i. LAN and WAN
  - ii. Star Network and Bus Network (See Lesson 5)
- (b) WAP to read the 10 numbers in an array from the user and sort the array using bubble sort technique. (See Lesson 16)
6. Prepare any one project out of the given below: 6
- (a) You are working as a manager in a IT Company. You required to create the project for the school website. Write few pointers of the project management cycle. (See Lesson 27)
- (b) Mr. Krrishnav is a schoolteacher, and he is organising IT-Fest, an Inter school computer competition. You are required to create a 5 pages website using HTML.
- (See Lesson 24, 25)