

CA: Online Assignment

Course Code: CSE 101

Allocation Date: 8/9/2020

Submission Date:15/9/2020

IMPORTANT GUIDELINES:

1. The assignment will be a handwritten assignment and it should be submitted as a single word/pdf document containing pictures of the attempted questions.
2. The student will attempt one question on each page which will contain his name, registration number, roll number, section and signature.[Every page should have these parameters(Handwritten)]
3. Copy cases will be marked zero.

Section: _____

Student Name: _____

Registration Number: _____

Roll Number: _____

Signature: _____

Q1: Write an algorithm to check if a student is eligible for sitting in ETE or not. If students attendance <75 and CA<40 he is not allowed to take ETE else he is allowed. Ask user to enter his attendance and CA marks. **[5 Marks]**

Q2: If a five-digit number is input through the keyboard, Draw a flowchart to print code A as 1st three digits and code B as last two digits.

Example: Input: 12345

Code A: 123 Code B:45

[10 marks]

Q3: You visit a shop to get your assignment typed and printed. WAP to calculate bill of a job work based on following rates.

- Rate of typing is Rs. 3/- per page
- Printing of first copy is Rs. 5/- per page and later every copy Rs. 3/- per page.

User should enter the number of pages in assignment and no. of print out copies your group want. **[10 Marks]**

Q4) Some programs require working on the bits(0 and 1) such as programs interacting with the hardware parts of the computer. Thus C contains several special operators which allow working on the bits. Which operator will be used? Explain it with the help of suitable examples