**CS301 Midterm Papers Fall 2019 (14 to 26 December 2019)**

**Cs 301 Midterm done 14 Dec 2019**  
Mcqs mostly past ppr se thy  
3 long quedtion 5..5 nmbr k thy jin ma se 2 tree waly thy aur aik programing wala tha.  
2 question 3 nmbr k thy jin ma se ak program aur ak ki output btani thee.

**hi.. i have done cs301 Midterm...14 dec 2019**

objective portion was from past papers. but structure of ques was changed.. there was 18 mcq's and 7-8 mcqs were from past pprs..

subjective was very easy.. ak coding likhni thi create a node type tha.. ak ki output thi.. trees ko post order pre order mn likhna tha

**Just finished CS301 mid-term. Here are some of the questions that showed up:**

Full Subjective:

**1.** Write a small program that prints int 1 to 100 using recursion. (5 marks)

**2.** Draw Binary Search Tree for following ten integers:

10 numbers were given.

Now remove one the nodes (e.g 65) and re-draw the tree. (5 marks)

**3.** Write code to delete a node from a linked list. (5 marks)

**4.** In context of shifting contrast, what is the best place to insert an item in an array. (3 marks)

**5.** When a leaf node is deleted how many pointers are set to NULL? (3 marks)

**CS301 Mid Term Papers fall 2019  15 December 2019**

Parenthesis are necessary or not in postfix expression for predecence of operators? 3  
Write public method for circular linked list "add". 5  
Write steps and make AVL tree with help of give tree. 5  
Convert this.....infix expression into postfix.just one and final step. 5  
MCQs not from past papers.  
[12/15, 10:26 AM] +92 320 8802503: CS301 8:30 am  
Mcqs 5 6 past papers.

Short question main aik post order ABC wala  
Aik AvL tree bnana tha  
Link list k pointer likhnay thay.

Long  
Aik program tha tree wala  
Aik postorder solve karna tha

Or aik output btani thi