**CS301 Fall 2018 Final Term Papers**

**(23 February 2019 to 06 March 2019)**

**CS301 Current Paper 23 February, 2019**  
Time 8:am  
90% objective from Past papers...  
50% Subjective from Past papers

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Some Subjective Questions are below  
1) Construct BST ( binary search tree )  
2) Equliance Relation  
3) Expression tress   
4) AVL tree  
5) convert linked list into BST  
6) Find MIN Heap   
7) Describe 2i , 2i+1

**CS301 Current Paper 23 February, 2019**  
Short question  
Which data structure is used in Huffman encoding.  
Characteristics of union by size methode  
Characteristics of skip list  
A minh heap tree fig( delete the top value ) re construct it  
A ALV tree delete top value then re construct it  
Difference between binary tree and binary search tree  
A perfect binary tree have h hight then prove that  
2 power k+1 \_ 1 node ………  
MCQ 18 t0 20 from old papers out of 40