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http://VNSGUAtoZmath.comparison between simple queue and circular queue. 7

Write down the algorithm of insert and delete an element in circular queue.

OR

- (A) What do you mean by doubly link list? Write down the algorithm of (1) Insert an element in beginning(2) Insert an element at middle position.
- (B) What do you mean by Sorting? Discuss the comparison 7 of sorting technique and according to you which sorting technique is more efficient.
- (A) What do you mean by tree? Discuss various terminologies 7 of trees with an example.
 - (B) Construct the tree and write down the preorder, postorder 7 and inorder of following expression : [a+(b-c)] * [(d-e)/(f+g-h)].

OR

(B) Explain sequential representation or linked storage representation of binary tree.

5 Answer the following Questions:

(1)	Discuss tower of Hanoi.	5
(2)	What do you mean by searching? Differentiate	6
	between binary search and linear search. Write	
	down an algorithm of binary search.	
(3)	Comparison between LIFO and FIFO.	3

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