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UNIT-III

5.	(a)	Write down the non-recursive algorithm for in-or	der traversal
		of binary tree.	10

- (b) Write an algorithm to delete a node with two children from a Binary Search tree. http://www.kuonline.in
- 6. Write short notes on any two of the following :-
 - (a) Balanced Multiway Scarch Tree
 - (b) AVL-Tree

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(c) Threaded Tree.

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UNIT-IV

- (a) What is graph? Explain various representation method used for graphs.
 - (b) What is meant by traversal of graph? Discuss depth first traversal technique with an example.
 10
- 8. (a) What is Hashing? What is the condition for collision? How collision can be resolved?
 10
 - (b) Write the algorithm for Insertion Sort. How many key comparison are made in its worst case?

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