



TI-113

Five Years M.B.A. Integrated (K.S.)

First Year M.B.A.

May-2013

Data & File Structure (DCA)

Time : 2 Hours]

[Max. Marks : 50

1. Answer the following : 10
 - (1) Write types of Linked Lists.
 - (2) What is the use of one dimensional array ?
 - (3) Explain underflow condition in stack.
 - (4) Write types of non-linear data structure.
 - (5) What is the use of first node in linked list ?

 2. Write algorithm for inserting a node in singly linked list. 10

 3. Write algorithm for Stack-Push and POP. 10

 4. (a) Write algorithm for searching in an array. 5
(b) Write difference between Singly and Circular Linked List. 5

 5. Write algorithm for counting total nodes in a singly linked list. 10
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