

S.E. (Computer) (Second Semester) EXAMINATION, 2011

DATA STRUCTURES

(2008 PATTERN)

Time : Three Hours

Maximum Marks : 100

- N.B. :— (i) Attempt any *three* questions from each Section.
(ii) Answers to the two Sections should be written in separate answer-books.
(iii) Figures to the right indicate full marks.

SECTION I

1. (a) Explain how to convert general tree to binary tree with example. [5]
(b) Explain Binary tree representation with example. [5]
(c) Represent threaded tree corresponding to the following figure. Also give memory representation of the threaded tree. Write Pseudo code for inorder traversal of the threaded binary tree. [8]



