

GOVT. V.Y.T. P.G. AUTONOMOUS COLLEGE, DURG
ASSIGNMENT QUESTION (2025)
BCA-II SEMESTER
COURSE CODE – BCA- 03T(L)
SUBJECT-DATA STRUCTURE

Max Marks: 10

Note: Section 'A' & 'B' containing 1 very short-answer-type questions, is compulsory. Section 'C' consists of short answer type questions and Section 'D' consists of long answer type questions.

Section-A **(1*1=1)**

Q.1 What is AVL tree?

Section-B **(1*1=1)**

Q.2 Define minimum spanning tree ?

Section-C **(3*1=3)**

Q.3 Explain the tree data structure and there types.

OR

Explain binary search tree?

Section-D **(5*1=5)**

Q.4 Explain kruskal's algorithm .

OR

Write an algorithm for deleting a node in binary tree.