Time: 3 Hours   **Max. Marks: 60**

(Answer all Five Units 5 x 12 = 60 Marks)

UNIT-1

1 a) What is minimum – cost spanning tree? [L1][CO5] [4M]   b) Prepare an algorithm for CO   L   M
Prim's with example. [L3][CO5] [8M]

OR

2 a) What is a Stack? What are the operations that perform on a stack? [L1][CO2] [6M] CO   L   M
b) What is a Queue? What are the operations that perform on a Queue? [L1][CO2] [6M]