BHARTIYA VIDYA MANDIR (BVM) COLLEGE OF MGMT. EDUCATION

QUESTION BANK

MCA- IV sem

404 - DESIGN AND ANALYSIS OF ALGORITHMS

Note : Questions of 1.5 Marks.

Q.1   What is Searching ?

Q.2   What is Sorting ?

Q.3   Explain the Bubble Sort.

Q.4   Explain the Binary Search.

Note : Questions of 2 Marks

Q.1   Explain the Tree.

Q.2   Explain the Binary Search Tree.

Q.3   Explain the Graph.

Note: Questions of 3 Marks.

Q.1   What is Divide and Conquer   Algorithm?

Q.2   Explain the Tree Traversal Algorithm?

Q.3   Explain the Recurrence Relation?

Q.4   What is Stassen Multiplication?

Q.5   Explain the Greedy Methods.

Q.6   Explain the Depth First Search Algorithm.

Q.7   Explain the Expression tree.

Q.8   Explain the tree traversal.