Practical 1-4

# Objective: Sorting Algorithm

1. Bubble Sort
2. Selection Sort
3. Insertion Sort
4. Merge Sort
5. Quick Sort

Practical 5, 6

# Objective: Recursion

* Power
* Square Root

Practical 7

# Objective: Inversion Problem Program

Practical 8, 13

# Objective: Knapsack

* Fractional
* 0 – 1

Practical 9, 10

# Objective: MST

* Kruskal
* Prims

Practical 11, 12

# Objective: Memoization

* Factorial
* Fibonacci

Practical 14-16

# Objective: Dynamic Programming Question

* Chain Matrix Multiplication
* Longest Common Subsequence
* 4 – Queen Problem

Practical 17 – 20

# Objective: Graph Algorithm

* DFS
* BFS
* Cyclic
* Topological Sort