



### Algorithms Lab ESA Structure

The lab ESA evaluated for 20 marks will be conducted as per following structure:

- Write up [code snippet]
- Two programs to be executed.

You will pick a chit and execute one of the programs from below: [08 Marks]

- Brute Force String Search
- DFS
- BFS
- Bubble Sort
- Insertion Sort
- Selection Sort
- Floyd

You will pick second chit and execute one of the programs from below: [12 Marks]

- BST (insert, delete, one traversal)
- Quick Sort
- Merge Sort
- Heap Sort
- Dijkstra
- Kruskal
- Prims

Note: Change of question will NOT be allowed.