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Data Structure Using C++

Q. 1) Answer in one sentence

- 1 What is ADT?
- 2 What is Space complexity ?
- 3 What is Postfix ?
- 4 What is Binary Tree?
- 5 What is Stack?
- 6 What is Time Complexity ?
- 7 What is B Tree ?
- 8 What is Linked List ?
- 9 What is ADT?
- 10 What is Stack?
- 11 What is ADT ?
- 12 What is B tree ?
- 13 What is Linked List ?
- 14 What is Array?
- 15 What is Queue?
- 16 What is Linked List ?
- 17 What is Binary search tree ?
- 18 What is Space complexity ?
- 19 What is BFS ?
- 20 What is DFS ?
- 21 What is node ?
- 22 What is tree ?
- 23 What is Circular Queue?
- 24 What is doubly linked list ?
What is dequeue ?

Q. 2) Attempt any two of the following.

- 1 Explain in brief Stack?
- 2 Explain in Brief Linked list ?
- 3 Explain in brief Bubble Sorting ?
- 4 Explain in brief Sequential Searching?
- 5 Explain in Brief Queue ?
- 6 Explain in brief Linked List ?
- 7 Explain in brief Quick Sorting?
- 8 Explain in Brief B Tree ?
- 9 Explain in brief Queue ?
- 10 Explain in brief Circular Queue ?

- 11 Explain in brief Binary Searching
- 12 Explain in brief Binary Search Tree ?
- 13 Explain in brief DFS ?
- 14 Explain in brief BFS ?
- 15 Explain in brief Time and space complexity ?

Q. 3) Attempt any four of the following.

- 1 What is 3D array?
- 2 What is Queue ?
- 3 What is DFS ?
- 4 What is Insertion Sort ?
- 5 What is Binary Search ?
- 6 Write a program to Demonstrate Linked list ?
- 7 What is 2D array?
- 8 What is BST ?
- 9 What is BFS ?
- 10 What is Quick Sort ?
- 11 What is Linear Search ?
- 12 Write a program to Demonstrate Stack ?
- 13 What is 1D array?
- 14 What is Space Complecity?
- 15 What is Stack
- 16 What is Binary Search ?
- 17 What are Applications of stack ?
- 18 Write a program to Demonstrate addition of two 2d Array ?
- 19 What is time Complexity ?
- 20 What is 2 D array?
- 21 What is multidimensional array?
- 22 Write a program to Demonstrate LL ?
- 23 Write a program to Demonstrate Circular Queue ?
- 24 Write a program to Demonstrate Queue ?
- 25 Write a program to Demonstrate Binary Tree ?
- 26 Write a program to Demonstrate Binary Search Tree ?
- 27 Write a program to Demonstrate BFS ?
- 28 Write a program to Demonstrate DFS ?
- 29 Write a program to Demonstrate doubly LL ?
- 30 Write a program to Demonstrate priority queue ?