

## **Repeated Questions in MCS-208 (Data Structures and Algorithms)**

### **1. Postfix Conversion of Expression**

- Asked In: June 2022, Dec 2022, June 2023, Dec 2023, June 2024

### **2. Linear Search (Algorithm)**

- Asked In: June 2023, Dec 2023

### **3. Matrix Multiplication (Algorithm)**

- Asked In: Dec 2022, June 2024

### **4. Stack - Implementation / Operations / Push**

- Asked In: Dec 2022, Dec 2023, June 2024

### **5. Queue - Implementation / Deletion / Operations**

- Asked In: June 2022, Dec 2022, Dec 2023, June 2024

### **6. Bubble Sort (Algorithm)**

- Asked In: June 2023, Dec 2023

### **7. Dijkstra's Algorithm**

- Asked In: Dec 2022, June 2024

### **8. Kruskal's Algorithm**

- Asked In: June 2023, Dec 2023

### **9. Traversal of Binary Tree (Postorder / Inorder)**

- Asked In: Dec 2022, Dec 2023

### **10. Difference between Tree and Binary Tree**

- Asked In: June 2022, Dec 2023

### **11. Implementation of Doubly Linked List**

- Asked In: June 2023, Dec 2023

### **12. Tree to Binary Tree Conversion**

- Asked In: June 2022, Dec 2023

### 13. Time Complexity vs Storage Complexity / Best-Worst Case

- Asked In: June 2023, Dec 2023, Dec 2022

### 14. Quick Sort (Algorithm or Sort with steps)

- Asked In: June 2022, June 2024