Most asked questions in DSA (Non - Linear)

Day	Topic	Question List	Asked In
1.	Trees, BST.	Q1. Binary Tree Level Order Traversal	Google
		Q2. Serialize and Deserialize Binary Tree	Apple
		Q3. Maximum Level Sum of a Binary Tree	Google
		Q4. Delete Node in a BST	Amazon
		Q5. Path Sum III	Microsoft
		Q6. Longest ZigZag Path in a Binary Tree	Amazon / Adobe

Day	Topics	Question List	Asked In
2.	BBST, Tries segment tree	Q1. Number of Valid Words for Each Puzzle	Dropbox
		Q2. Search Suggestions System	Amazon
		Q3. Implement Trie (Prefix Tree)	Microsoft
		Q4. Binary Tree Pruning	Apple
		Q5. Maximum Level Sum of a Binary Tree	Google / Meta
		Q6. Path Sum II	Netflix
		Q7. All Nodes Distance K in Binary Tree	Facebook / Amazon

Day	Topics	Question List	Asked In
3.	Heap	Q1. IPO	Microsoft
		Q2. Find Median from Data Stream	Google / Arcesium / Amazon
		Q3. Maximum Subsequence Score	Goldman Sachs
		Q4. Total Cost to Hire K Workers	Adobe / Google
		Q5. Network Delay Time	Oracle / Uber
		Q6. Maximum Star Sum of a Graph	Arcesium

Day	Topics	Question List	Asked In
4.	Greedy,DP	Q1. Minimum Sideway Jumps	Uber
		Q2. Make Array Empty	Amazon / Vmware
		Q3. Best Time to Buy and Sell Stock IV	Arcesium / Amazon
		Q4. Wildcard Matching	Google
		Q5. Longest Common Subsequence	Amazon
		Q6. Maximum Compatibility Score Sum	Adobe / Meta
		Q7. Coin Change	Amazon / Vmware / meta

Day	Topics	Question List	Asked In
5.	DP (Mid to Hard)	Q1. Longest ZigZag Path in a Binary Tree	Adobe
		Q2. Binary Tree Cameras	Google / Vmware
		Q3. House Robber III	Meta / google
		Q4. Water and Jug Problem	Oracle / Samsung
		Q5. Dungeon Game	Meta
		Q6. Cherry Pickup	Morgan Stanley
		Q7. Count All Possible Routes	Amazon / Meta
		Q8. Remove Boxes	Morgan Stanley / Amazon

Day	Topics	Question List	Asked In
6.	Graph	Q1. Pacific Atlantic Water Flow	Vmware
		Q2. Course Schedule II	Oracle / Goldman Sachs
		Q3. Critical Connections in a Network	Oracle / Vmware
		Q4. Reorder Routes to Make All Paths Lead to the City Zero	Apple / meta
		Q5. Evaluate Division	Arcesium
		Q6. Rotting Oranges	Morgan Stanley
		Q7. Nearest Exit from Entrance in Maze	Amazon / Google

Day	Topics	Question List	Asked In
7.	Graph (Hard Level)	Q1. Longest Increasing Path in a Matrix	Uber / Goole
		Q2. Reconstruct Itinerary	Linkedin / Tiktok
		Q3. Modify Graph Edge Weights	Amazon
		Q4. Collect Coins in a Tree	Apple
		Q5. Number of Good Paths	Uber / Netflix