Part-1:

(1) Orientation ->2-8,

*(b1) orientation

(2) Linear search (1)->9

(3) Binary search (2,3,22,23)->10->new-1

Part-2:

(4) Bubble sort and selection sort (15).=>11,12,13

(5) Complexity analysis.

(6) space complexity and two.

*(b1-4) complexity analysis. ->2-8

Part-3:

(7) linked list day 01(7,8,9,10). => 15,16,17,18

(8) types of lined list

(9) Linked list problem solving.-> new-3

*(b1-5, 6) two pointer algorithms. (14)

Part-4:

*(b1-11,12) stack and queue. =>19,20,21

(10) Stack queue problem solving.->new-4

(11) Hash map.->new5

(12) recursion part-1(16,17) =>24,25

(13) recursion part-2

Part-5:

(14) quick sort (19) =>28

(15) binary tree. (20,21) =>33

(16) tree traversing – BFS &DFS. =>34,35

(17) Binary tree problem solving.

Part-6:

18) graph creation. (24) =>36

(19) Graph traversal BFS. (25) =>37->new 7,8

(20) shortest path algorithm & bipartite graph. =>38,39

(21) Tropological sorting

Part-7:

**(13,14) hash table. =>22, 23,

**(18) merge sort. =>26,27->new-6

**(16) Cycle detection=>39

** Dynamic programing=>29,30->new10

** greedy algorithm=>31,32->new9