1. INSERTION SORT
2. EXCHANGE SORT
3. SELECTION SORT
4. SHELL SORT
5. COUNTING SORT
6. MERGE SORT
7. QUICK SORT
8. RECURSION EQUATION
9. HEAP

A)HEAP SORT

B)PRIORITY CODE

1. BINARY TREE
2. BINARY TREE AND RECURSION
3. HASH TABLE
4. LINEAR CHAINING
5. OPEN ADDRESSING WITH LINEAR PROBING
6. OPEN ADDRESSING WITH QUADRATIC PROBING
7. OPEN ADDRESSING WITH DOUBLE HASHING
8. GREEDY PARADIAM

A) ACTIVE SELECTION

B) HUFFMAN CODE

1. GRAPH

A) GRAPH REPRESENTATION

B) BREADTH-FIRST SEARCH (BFS) VISIT

C) DEPTH-FIRST SEARCH (DFS) VISIT

15) ONLINE CONNECTIVITY

A) QUICK-FIND

B) QUICK-UNION

16) MINIMUM SPANNING TREE

A) PRIM

B) KRUSKAL

17) SHORTEST PATH

A) DIJKSTRA

B) DAG

C) BELLMAN-FORD