## Quiz-II DAA (CS4403 Design & Analysis of Algorithms)

Answer all the MCQ questions
Points:
9/10
1. Which of the following is not a branch and bound strategy to generate branches? (1/1 Point)
C LIFO branch and bound
FIFO branch and bound
C Lowest cost (LC) branch and bound
Highest cost branch and bound
2. Which data structure is most suitable for implementing LC-branch and bound strategy? (1/1 Point)
© stack
queue
O priority queue
C linked list
3. Which of the following can traverse the state space tree only in DFS manner? (1/1 Point)
Branch and bound
O Dynamic programming
Greedy algorithm
© Backtracking
4is the class of decision problems that can be solved by non-deterministic polynomia
algorithms.
(1/1 Point)
○ NP
○ p
NP-Hard
NP-Complete
5.To which of the following class does a CNF-satisfiability problem belong? (1/1 Point)
○ NP
О Р
NP-Complete
O NP-Hard