 # Polling Quiz MCQ's

1. What is the time complexity to add node into the singly linear linked list at last position?
Option 1: O(n)
Option 2: O(n^2)
Option 3: O(1)
Option 4: O(log n)
Correct Option: 1

2. Which of the following statement is false about singly linear linked list?
Option 1: In a SLLL, traversal can be done only in a forward direction.
Option 2: In a SLLL, add and delete node at last position operations takes O(n) time.
Option 3: In SLLL, add and delete node at first position operations takes O(1) time.
Option 4: In SLLL, previous node of any node can be accessed from it.
Correct Option: 4

3. Which of the following statement is false in a Linked List
Option 1: Linked List is a dynamic data structure.
Option 2: Addition and Deletion operations are efficient and convenient in a Linked List than in an array.
Option 3: Linked List elements can be accessed efficiently than array elements.
Option 4: Linked List takes more space to store n elements than array.
Correct Option: 3

4. Which of the following operations in a SCLL takes O(1) time?
Option 1: Add node at last position
Option 2: Add node at first position
Option 3: Delete node at last position
Option 4: Delete node at first position
Option 5: None of the above
Correct Option: 5

5. Which of the following is false about DCLL?
Option 1: Traversal can be start from either first node or last node.
Option 2: Addition and Deletion operations can be performed in O(1) time.
Option 3: Searching can be done in O(log n) time.
Option 4: List can be traverse in both forward and backward direction.
Correct Option: 3