



SoulShift - Educational Q&A Platform

General Questions

Practice Questions



Q1. What is the main advantage of using a linked list over an array?

- A. Faster access time
- B. Dynamic size
- C. Better memory locality
- D. Easier to sort

Solution: Linked lists can grow and shrink in size dynamically, unlike arrays which have a fixed size.

Q2. Which of the following operations can be performed in $O(1)$ time on a linked list?

- A. Insertion at the end
- B. Deletion from the beginning
- C. Searching for an element
- D. Traversal

Solution: Deletion from the beginning of a linked list can be done in $O(1)$ time as it only requires updating the head pointer.



