

Q1: What is the primary principle behind the operation of a stack data structure?

- a) First-In, First-Out (FIFO)
- b) Last-In, First-Out (LIFO)
- c) Random Access
- d) Sorted Order

Q2: Which of the following is NOT a typical operation associated with a stack?

- a) Push
- b) Pop
- c) Peek
- d) Enqueue

Q3: What is the purpose of the 'peek' operation on a stack?

- a) To remove the top element from the stack.
- b) To add an element to the top of the stack.
- c) To view the top element of the stack without removing it.
- d) To check if the stack is empty.

Answer Key

Q1: b

Q2: d

Q3: c