

## Data Structure Multiple Choice Questions & Answers Pdf

### Question: 1

A data structure in which linear sequence is maintained by pointers is known as

- (A) Array
- (B) Stack
- (C) Linked list
- (D) Pointer-based data structure

Ans: C

Linked list

### Question: 2

Which of the following data structure works on the principle of First Come First Serve?

- (A) Priority queue
- (B) Heap
- (C) Stack
- (D) Queue

Ans: D

Queue

### Question: 3

A \_\_\_\_\_ is a linear collection of self-referential structures, called nodes, connected by pointer links.

- (A) Queue
- (B) Linked list
- (C) Tree
- (D) Stack

Ans: B

Linked list

### Question: 4

A queue where all elements have equal priority is a

- (A) ILFO data structure
- (B) LILO data structure
- (C) FIFO data structure
- (D) LIFO data structure

Ans: C

FIFO data structure

### Question: 5

A file that is only read by a program is known as \_\_\_\_\_

- (A) Input file
- (B) Temporary file
- (C) Work file
- (D) Input/output file

Ans: A

Input file