- 1. In which order elements can be inserted and deleted from stack?
  - a. Last In First Out
  - b. First In First Out
  - c. Both a and b
  - d. All of the above

Answer: a

- 2. Which of the following data structure allows to insert and delete elements from single end?
  - a. Stack
  - b. Linear Queue
  - c. Circular Queue
  - d. All of the above

Answer: a

- 3. Which of the following is condition for stack full? (n number of elements in array)
  - a. Top ==-1
  - b. Top == n
  - c. Top == n 1
  - d. None of the above

Answer: c

- 4. In array implementation of stack, how many maximum elements we can insert if array size is 10?
  - a. 10
  - b. 9
  - c. 8
  - d. None of the above

Answer: a

5. If following set of operations is done on stack on given data set from right to left, what will be the topmost element in the stack?

Data set - 9, 6, 7, 3, 4, 2, 8, 1

Operations – push, push, push, peek, push, pop, pop, push, peek, pop, push



Stack

- a. 6
- b. 3
- c. 7
- d. None of the above

Answer: c