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
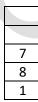   c. Top == n -1
   d. None of the above

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

7
8
1

   Stack

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

Answer: c