1.
Which data structure cannot be used for implementing a queue?

A. Simple circular array based implementationn
B. Dynamic circular array based implementation
C. Circular linked list based implementation
D. Singly linked list based implementation.

Answer:B

2.
Removal of an element from an empty stack is known as ?

A. Empty Collection
B. Overflow
C. Garbage Collection
D. Underflow

Answer: D

3.
Choose incorrect statement about stacks:

A. Popping out an empty stack is underflow
B. Pushing element in full stack is overflow
C. Push return the last inserted element after removing it
D. Used in infix to postfix conversion

Answer:C

4.

Postfix form of A*B+C/D is:

A. *AB/CD+
B. AB*CD/+
C. A*BC+/D
D. ABCD+/*

Answer: B

5.

Given an integer K and queue of n integers. An algorithm is designed to reverse the order of first K integers.

For example if K=3 and queue is [5,10,15,20,25,30, 35,40,45] then the result would be [15,10,5,20,25,30,35,40,45].

Choose correct sequence of usage of data structure to get solution in specified order:

A. queue,stack,stack,queue
B. queue,stack,stack,stack
C. queue,queue,queue,stack
D. queue,queue,stack,queue

Answer:A