TEST SUMMARY FOR : No name

Username : 12

Name : No name

Test Start Time :

Test End Time :

Test Duration : 0min 6sec

Score : 0

Remark : NORMAL

Question 1:
Which of these best describes an array?

Student answer :
""

Solution :
"A data structure that shows a hierarchical behavior"

Question 2:
A linear collection of data elements where the linear node is given by means of pointer is called?

Student answer :
""

Solution :
"Linked list"

Question 3:
In linked list each node contain minimum of two fields. One field is data field to store the data second field is?

Student answer :
""

Solution :
"Pointer to node"

Question 4:
What is the value of the postfix expression 6 3 2 4 + � *:

Student answer :
""

Solution :
"Something between 15 and 100"

Question 5:
Which data structure is used for implementing recursion?

Student answer :
""

Solution :
"Stack"

Question 6:
Consider a small circular linked list. How to detect the presence of cycles in this list effectively?
Student answer :
"Cannot determine, you have to pre-define if the list contains cycles"
Solution :
"Have fast and slow pointers with the fast pointer advancing two nodes at a time and slow pointer advancing by one node at a time"

Question 7:
Which of the following array position will be occupied by a new element being pushed for a stack of size N elements(capacity of stack > N).
Student answer :
""

Solution :
"S[N]."

Question 8:
What is the need for a circular queue?
Student answer :
""

Solution :
"effective usage of memory"

Question 9:
The operations that needed to be performed are (You can perform only push and pop):
Consider you have a stack whose elements in it are as follows.
5 4 3 2 << top
Where the top element is 2.
You need to get the following stack
6 5 4 3 2 << top
Student answer :
""

Solution :
"Push(pop()), push(6), push(pop())"

Question 10:
Which of the following statements are correct with respect to Singly Linked List(SLL) and Doubly Linked List(DLL)?
Student answer :

"DLL has more searching power than SLL"
Solution :
"All of the mentioned"