Question 1	Consider the usual algorithm for determining whether a sequence of parentheses is balanced. What is the maximum number of parentheses that will appear on the stack AT ANY ONE TIME when the algorithm analyzes: $(()(())(())(()))$
Mark 1.00 out of 1.00 Flag question	Select one: 4 2 3 4
	O 1
Question 2 Correct Mark 1.00 out of 1.00 F Flag question	Which of the following data structure is better for storing the sorted data on which often insert and deletion operations are performed? Select one: Doubly linked-list Array Queue Linked list ✓
Question 3 Correct Mark 1.00 out of 1.00 F Flag question	Which of the following is a mathematical-model with a collection of operations defined on that model and their implementations are hidden? Select one: Primitive Data Type Abstract Data Type Data Structure Algorithm
Question 4 Correct Mark 1.00 out of 1.00 P Flag question	Let the following queue can accommodate maximum six elements with the following data: front = 2; rear = 4; queue = , , L, M, N, ; What will happen after an enqueue operation takes place?
	Select one: front = 3 rear = 5 queue = L, M, N, O, , front = 3 rear = 4 queue = , _L, M, N, O, front = 2 rear = 5 queue = , _L, M, N, O front = 2 rear = 4 queue = L, M, N, O, ,
Question 5 Correct Mark 1.00 out of 1.00 F Flag question	The process of accessing data stored in a serial access memory is similar to manipulating data on a particular data structure. Which is that data structure?
	Select one: Queue Stack Binary tree

Question **6**

Correct

Mark 1.00 out of 1.00

Flag question

The post fix form of the expression (A+B)*(C*D-E)*F / G is?

Select one:

- O AB + CD* E *F *G /
- O AB + CD* E F **G /
- O AB + CDE * * F *G /
- AB+ CD*E FG /**