Assignment 0

The deadline for submitting this assignment has passed.
As per our records you have not submitted this assignment.

1) Doubly linked list is required for
   a. accessing the list to the reverse direction
   b. accessing the list to both the forward and reverse directions
   c. making the list circular
   d. none of the above

   No, the answer is incorrect
   Score: 0
   Accepted Answers:
   b. accessing the list to both the forward and reverse directions.

2) Match the following:

<table>
<thead>
<tr>
<th>I. BFS</th>
<th>A. Stack</th>
</tr>
</thead>
<tbody>
<tr>
<td>II. Depth First</td>
<td>B. Queue</td>
</tr>
<tr>
<td>III. FIFO</td>
<td>C. Array</td>
</tr>
<tr>
<td>IV. LIFO</td>
<td>D. Tree</td>
</tr>
</tbody>
</table>

   No, the answer is incorrect
   Score: 0
   Accepted Answers:
   b. I, D, P, R, M, B, I, A

3) In case of postfix notation, operators are written after their operands.
   a. True
   b. False

   No, the answer is incorrect
   Score: 0
   Accepted Answers:
   a. True

4) System modeling is the process of developing abstract models of a system, with each model presenting a different view or perspective of that system. It is about representing a system using some kind of graphical notation, which is now almost always based on notations in the Unified Modeling Language (UML). Models help the analyst to understand the functionality of the system, they are used to communicate with customers.

   Models can explain the system from different perspectives.
   1) An external perspective, where you model the context or environment of the system.
   2) An interaction perspective, where you model the interactions between a system and its environment, or between the components of a system.
   3) A structural perspective, where you model the organization of a system or the structure of the data that is processed by the system.
   4) A behavioral perspective, where you model the dynamic behavior of the system and how it responds to events.

   No, the answer is incorrect
   Score: 0
   Accepted Answers:
   a. True

5) UML is based on
   a. notations
   b. transitions
   c. states
   d. keywords

   No, the answer is incorrect
   Score: 0
   Accepted Answers:
   a. notation

6) Which system model is being depicted by the ATM operations shown below?

   a. Structural model
   b. Context model
   c. Behavioral model
   d. Interaction model

   No, the answer is incorrect
   Score: 0
   Accepted Answers:
   b. Context model

7) A height balanced binary search tree is known as ___________ tree.

   No, the answer is incorrect
   Score: 0
   Accepted Answers:
   (Type: Strings)

8) Build & Fit Model of SDLC is suitable for programming exercises of ________ LOC (Line of Code)

   No, the answer is incorrect
   Score: 0
   Accepted Answers:
   (Type: Strings)

Due on 2020-09-14, 23:59 IST.