Assignment 6

The due date for submitting this assignment has passed.

1. Depending on modeling language, we can have THREE categories of models. These are: 1 point

   - formal models
     - informal models
     - semi-formal models
     - semi-formal models
   - informal models
   - semi-formal models
   - formal models
   - informal models
   - semi-formal models

2. UML class diagrams and DFD are the examples of 1 point

   - informal models
   - semi-formal models
   - formal models
   - informal models
   - semi-formal models

3. Which of the following notations are used to model concurrent behavior? 1 point

   - Statechart
   - Activity diagram
   - Petri Net
   - Rule
   - Color

4. The following are problems with the hierarchical ETLs. 1 point

   - Hierarchically ETLs are not very formal — many ambiguities are there
   - Hierarchically ETLs cannot be applied to dialing modeling
   - Only if true
   - Only if true
   - Both are true
   - Both are false

5. To support concurrency, "Branching" notation uses a specific super state which is called: 1 point

   - default superstate
   - hidden superstate
   - AND superstate
   - OR superstate

6. In case of Frisel-Diagram models, which of the following information items are required? 1 point

   - Distance between boxes
   - Width of each box
   - Number of the box
   - Title of the box

7. Which of the following is (are) example(s) of adaptive design? 1 point

   - During typing, we can change state of the keypad
   - Key positions are changed dynamically during typing
   - Both are true
   - Neither are true

8. If we consider Metropolis Algorithm for non-adaptive automated design for virtual keyboard, average movement time for the layout represents: 1 point

   - molecular
   - molecular system
   - way
   - speed

9. If a super state contains only one active basic state whenever it is active, it is called ______ super state: 1 point

   - Hidden state
   - Active state
   - Super state
   - Basic state

10. In "non-adaptive semi-discrete layout generator", which of the following is not required in the UCD framework?: 1 point

   - Collector
   - Key provider
   - Parabola
   - User data predictor

11. No, the answer is incorrect: 1 point

   - For assignment 3
   - For assignment 4