Unit 3 - Week 0: Assignment on Prerequisites

Assignment 0

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

Due on 2020-01-26, 23:59 IST.

1) Which of the following models is not suitable for accommodating any change? *1 point*

- Build & Fix Model
- Prototyping Model
- RAD Model
- Waterfall Model

No, the answer is incorrect.
Score: 0
Accepted Answers:
Waterfall Model

2) Which of these is (/are) type(s) of prototype in Prototyping Model? *1 point*

- Horizontal Prototype
- Vertical Prototype
- Diagonal Prototype
- Domain Prototype

No, the answer is incorrect.
Score: 0
Accepted Answers:
Horizontal Prototype
Vertical Prototype
Diagonal Prototype

3) RAD Model has _____ phases

No, the answer is incorrect.
Score: 0
Accepted Answers:
(Type: Numeric) 5

1 point

4) 'Build & Fix Model' of SDLC is suitable for programming exercises of _____ LOC (Line of Code).

No, the answer is incorrect.
Score: 0
Accepted Answers:
(Type: Range) 100,200

1 point

5) SDLC stands for _____.

No, the answer is incorrect.
Score: 0
Accepted Answers:
(Type: String) Software Development Life Cycle

1 point

Read the following and answer the question that follows

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**:

- An **external** perspective, where you model the context or environment of the system.
- An **interaction** perspective, where you model the interactions between a system and its environment, or between the components of a system.
- A **structural** perspective, where you model the organization of a system or the structure of the data that is processed by the system.
- A **behavioral** perspective, where you model the dynamic behavior of the system and how it responds to events.

6) System models are abstract descriptions of systems whose requirements are being analyzed. *1 point*

- True
- False

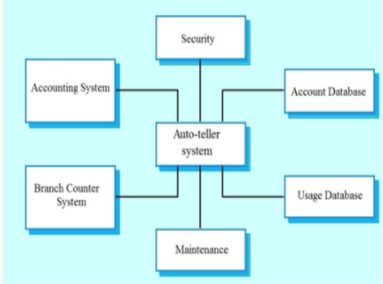
No, the answer is incorrect.
Score: 0
Accepted Answers:
True

7) UML is based on _____. *1 point*

- notations
- transitions
- states
- keywords

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

8) Which system model is being depicted by the ATM operations shown below? *1 point*



- Structural model
- Context model
- Behavioral model
- Interaction model

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