

## Third Year (B.C.Sc./B.C.Tech.)

### Quiz 3

#### Software Analysis and Design (CS-3124)

February 2023

Answer All Questions.

Time Allowed: 1 hours

Quiz .....

Roll No. ....

Name .....

Date .....

#### Answers

1.	6.
2.	7.
3.	8.
4.	9.
5.	10.

#### I. Answer all questions. (Choose the correct answer.)

- Composition is a \_\_\_\_\_ type of Association relationship.  
(A) strong (B) weak  
(C) unnecessary (D) necessary
- Select from the following which is used to show one static frame in the dynamic storyboard.  
(A) Class diagram (B) Activity diagram  
(C) Object diagram (D) Interaction diagram
- If the objects focus on the problem domain, then we are concerned with  
(A) Object Oriented Analysis. (B) Object Oriented Design  
(C) Object Oriented Analysis & Design (D) None of the above
- A technique for organizing and documenting the structure and flow of data through a system's processes and or the logic, policies and procedures to be implemented by a system's processes is known as:  
(A) data modeling (B) process modeling  
(C) context modeling (D) operational modeling
- Uses cases are represented as which of the following shape within the system rectangle.  
(A) ellipses (B) circles  
(C) rhombus (D) rectangle
- \_\_\_\_\_ The system is never an actor in a Use Case Diagram.  
(A) True (B) False
- \_\_\_\_\_ A "high resolution" (a.k.a., "low abstraction") Use Case Diagram will tend to have a large number of use cases for the amount of functionality in the system  
(A) True (B) False
- In data flow diagrams, open-ended boxes represent data stores.  
(A) True (B) False
- Inherited object classes are self-contained.  
(A) True (B) False

10. A decision table shows the decision making logic and the corresponding actions taken in a tabular or a matrix form.

(A) True

(B) False

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