

SCHOOL OF INFORMATION TECHNOLOGY & ENGINEERING

QUIZ - I

Programme : B.Tech

Course Title: Object Oriented Analysis and Design

Max. Marks: 05

Name of the student:

Register number:

Slot: B2+TB2

Course Code: ITE301

Duration: 10Min

Date: 30.01.2015

Mark your answers in the table given below:

Question	1	2	3	4	5
Answer	A	D	B	A	B

- Which of the following statement is true concerning objects and/or classes?
 - An object is an instance of a class.
 - A class is an instance of an object.
 - An object includes encapsulates only data.
 - A class includes encapsulates only data.
- Inheritance in object-oriented modelling can be used to
 - generalize classes
 - specialize classes
 - create new classes
 - generalize and specialize classes
- In an object-oriented system everything is an _____ and each is responsible for itself.
 - Entity
 - Object
 - Lists
 - Interface
- The object-oriented development life cycle is which of the following?
 - Analysis, design, and implementation steps in the given order and using multiple iterations.
 - Analysis, design, and implementation steps in the given order and going through the steps no more than one time.
 - Analysis, design, and implementation steps in any order and using multiple iterations.
 - Analysis, design, and implementation steps in any order and going through the steps no more than one time.
- Given a word statement of a problem potential objects are identified by selecting
 - verb phrases in the statement
 - noun phrases in the statement
 - adjectives in the statement
 - organizing the statements
- COLLABORATION** collection of UML building blocks that work together to provide some functionality within the system.
- SEQUENCE** and **COLLABORATION** are termed as interaction diagrams.
- INCEPTION** is the first phase of Software Development Life Cycle.
- Use case diagram is one among the behavioral diagram [True / False]
- Define UML?

UNIFIED MODELING LANGUAGE IS A LANGUAGE WHICH IS USED TO VISUALIZE, SPECIFY, CONSTRUCT AND DOCUMENT THE ARTIFACTS OF SOFTWARE SYSTEMS.

*** All the Best ***

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Answer	B	A	B	D	B

- Which of the following represents an abstract class?
 - A class that has direct instances, but whose descendants may have direct instances.
 - A class that has no direct instances, but whose descendants may have direct instances.
 - A class that has direct instances, but whose descendants may not have direct instances.
 - A class that has no direct instances, but whose descendants may not have direct instances.
- Given a word statement of a problem potential objects are identified by selecting
 - noun phrases in the statement
 - adjectives in the statement
 - verb phrases in the statement
 - organizing the statements
- When a subclass is created using inheritance the resulting class
 - may have only attributes of parent class
 - may have new attributes and new operations in addition to those of the parent class
 - may have new operations only in addition to those in parent class
 - may have only operations of parent class
- In an object-oriented system everything is an _____ and each is responsible for itself.
 - Entity
 - Lists
 - Interface
 - Object
- Attributes are assigned value
 - when operations are performed on an object
 - when instances of objects are defined
 - when classes are identified
 - when methods are invoked
- SEQUENCE** and **COLLABORATION** are termed as interaction diagrams
- CONSTRUCTION** is the third phase of Software Development Life Cycle
- INTERFACE** a collection of operations that specify the services rendered by a class or component.
- Class Diagram is one among the behavioral diagram [True / **False**]
- Define UML? **UNIFIED MODELING LANGUAGE IS A LANGUAGE WHICH IS USED TO VISUALIZE, SPECIFY, CONSTRUCT AND DOCUMENT THE ARTIFACTS OF SOFTWARE SYSTEMS.**

*** All the Best ***