

Course	: BCA	Date	: 17-02-26
Subject Code	: BCAN-502(NEW)	Time	: 11:30am to 01:45pm
Subject Name	: Object Oriented Analysis and Design	Duration	: 02.15 Hours
		Max. Marks	: 70

Answer the following (Attempt any three) (30)

- Answer the following (Attempt any four) (20)**

- Part – A (Multiple Choice Questions) (10)**

- Which diagram shows the interaction among classes?
A Class Diagram
B Sequence Diagram
C State Diagram
D Object Diagram
- A component in component-based software is:
A Always an object
B Always a method
C A reusable unit
D A variable
- Which is not a UML diagram?
A Use Case
B Sequence
C Data Flow
D Component
- UML stands for:
A Uniform Modelling Language
B Unified Method Language
C Unified Modelling Language
D Universal Markup Language

- 5 The object-oriented design is based on:
A Algorithms B Data and functions
C Functions only D Database tables
- 6 Which is an example of object?
A int B function
C class D car
- 7 Which of the following is a state-based model?
A Data Flow Diagram B State Chart Diagram
C Class Diagram D Use Case Diagram
- 8 In UML, deployment diagram shows:
A User actions B Module hierarchy
C Physical arrangement D Object states
- 9 JavaBeans are used in:
A Component technology B UML Diagrams
C Object Diagrams D State Diagrams
- 10 Dynamic modelling includes:
A Use Case Diagram B Class Diagram
C Sequence Diagram D Object Diagram

Part – B (Do as Directed)

(10)

Give answer in One-Word Substitution for the below statements:

- 1 Blueprint or template for creating objects in OOP
- 2 Mechanism of wrapping data and methods into a single unit
- 3 Ability of different objects to respond in a unique way to the same message
- 4 Describes the internal implementation of an object
- 5 Preventing access to some components of an object
- 6 Interrelationship of software components
- 7 Degree to which elements of a module belong together
- 8 Interaction among system components
- 9 Visual language for object-oriented modeling
- 10 Acquiring properties of another class
