IT-701 (GS)

B.E. VII Semester Examination, June 2020
Grading System (GS)
Object Oriented Analysis and Design

Time : Three Hours

Maximum Marks : 70

Note: i)   Attempt any five questions.

      ii)   All questions carry equal marks.

l.   Give the importance of the following:
   i)   Data flow diagrams
   ii)   Sequence diagram

2.   Explain with an example, how use case modeling is used to describe functional requirements. Identify the actors, scenario and use cases for example.

3.   How structured oriented system differs from object oriented systems? Discuss the steps involved in object oriented system design with appropriate diagrams.

4.   Write two major aspects of implementing association? Explain unidirectional and bidirectional association with its example.

5.   What is Object Oriented Language? Write its characteristics? Compare with procedural language?

6.   Explain relational Vs. object-oriented database.

OR

Explain the architecture of object-oriented database.

7.   Show the representation of class and object in case of UML. How objects of two different classes can interact? Explain.

OR

Discuss about UML deployment and component diagrams. Draw the diagrams for a banking application.

8.   Explain about the any two following diagram with example
   a)   UML State Chart Diagram
   b)   UML Class Diagram
   c)   UML Component Diagram

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