B.Tech. DEGREE EXAMINATION, MAY - 2015

(Examination at the end of Final Year)

COMPUTER SCIENCE

Paper - I : Object Oriented Analysis & Design

Time : 3 Hours   **Maximum Marks : 75**

**Answer question No.1 is compulsory**   _(5 × 3 = 15)_

**Answer ONE question from each unit**   _(4 × 15 = 60)_

1)   Write a short note on

   a)   User Requirements.

   b)   Model consistency.

   c)   Class Specification.

   d)   Software Testing.

   e)   Development Diagrams.

UNIT - I

2)   a)   What are the basic concepts of object orientation?

   b)   Discuss the origins of object orientation.

OR

3)   a)   Briefly explain fact finding techniques.

   b)   Draw a class diagram for agate ltd.

UNIT - II

4)   a)   Explain about component based development.

   b)   Briefly describe about software development patterns.

OR

5)   a)   How to prepare a state chart. Explain.

   b)   List out the Qualify Guidelines.

UNIT - III

6)   a)   What are the major elements of system design?

      b)   Design for implementation.

<div align="center">OR</div>

7)   a)   Define user Interface, and its approaches.

      b)   Explain about standards and legal requirements.

UNIT - IV

8)   Discuss about revisable components in detail.

<div align="center">OR</div>

9)   What are the system development methodologies. Explain.

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