

Code: 9F00503

MCA V Semester Regular & Supplementary Examinations December 2015

OBJECT ORIENTED ANALYSIS & DESIGN (USING UML)

(For students admitted in 2010, 2011, 2012 & 2013)

Time: 3 hours

Max. Marks: 60

Answer any FIVE questions
All questions carry equal marks

- 1 (a) What is modeling? Explain the importance and principles of modeling.
(b) Explain how you model a system's architecture.
- 2 (a) Explain stereotypes in advanced dependency relationship.
(b) Distinguish between component diagram and deployment diagram. Illustrate with an example.
- 3 (a) Explain different terms and conditions of class with diagrams.
(b) How do you model an object diagram?
- 4 Explain the following concepts of interactions.
(a) Links.
(b) Messages.
(c) Sequencing.
- 5 What is activity diagram? Briefly explain the architecture of ATM system using activity diagram.
- 6 (a) What is transition? Explain parts of transition.
(b) Explain how do you model inter process communication with an example.
- 7 (a) What is component? Write the different kinds of components.
(b) Explain structural aspect and behavioral aspect of collaboration.
- 8 (a) What are the differences between a pattern and framework?
(b) Using an Artifact diagram explain the unified library application.
