



Code: 9F00503

MCA V Semester Supplementary Examinations July 2015

OBJECT ORIENTED ANALYSIS & DESIGN (USING UML)

(For students admitted in 2009, 2010, 2011 and 2012 only)

Time: 3 hours

Max Marks: 60

Answer any FIVE questions

All questions carry equal marks

- 1 (a) Explain different types of relationships in UML with example.
(b) Explain the phases of software development life cycle.
- 2 (a) Write any two common modeling techniques of common mechanisms.
(b) Explain modeling static and dynamic types.
- 3 (a) Discuss reverse engineering of an object diagram.
(b) Explain about modeling prototypical instances.
- 4 (a) Explain about flow of control by time and organization.
(b) Draw the interaction diagram and explain its links, objects and messages.
- 5 What is Usecase? Explain common modeling techniques of a usecase diagram with neat diagram.
- 6 (a) Explain the state chart diagrams with a neat sketch.
(b) Explain the following events:
(i) Call events.
(ii) Time and change events.
(iii) Sending and receiving events.
- 7 (a) Explain about forward and reverse engineering of a component diagram.
(b) Discuss modeling a client-server system in terms of deployment diagram.
- 8 (a) What is pattern? Explain about mechanisms and frameworks.
(b) Write about modeling design patterns.
