

B.Tech III Year II Semester (R07) Supplementary Examinations May/June 2016

OBJECT ORIENTED ANALYSIS & DESIGN

(Common to CSE, IT and CSS)

(For 2008 regular admitted batch only)

Time: 3 hours

Max Marks: 80

Answer any FIVE questions

All questions carry equal marks

- 1 (a) Explain in detail about Specifications and Adornment mechanisms of UML in detail.
(b) Explain about Structural things of UML in detail.
- 2 Explain about Generalization, Visibility with a diagram.
- 3 Explain and draw the Class Diagram for Student Course Registration.
- 4 Explain about the following:
(a) Collaboration in interaction.
(b) Sequencing in interaction.
- 5 (a) Draw a use case diagram that depicts the context of a credit card validation system. Explain briefly.
(b) Draw the UML diagram to model the requirements of a system. Explain briefly.
- 6 (a) Enumerate the steps in modeling a reactive object with a neat diagram.
(b) What are the various parts of a state? Explain briefly.
- 7 (a) Enumerate the steps to model executables and libraries.
(b) What are the characteristics of well-structured components? Explain.
- 8 (a) Draw and explain the class diagram for a library management system.
(b) Draw and explain the deployment diagram for the library system.
