

Code: 13A05602

B.Tech III Year I Semester (R13) Regular Examinations December 2015

OBJECT ORIENTED ANALYSIS DESIGN & MODELING

(Information Technology)

Time: 3 hours

Max. Marks: 70

PART – A
(Compulsory Question)

- 1 Answer the following: (10 X 02 = 20 Marks)
- (a) Describe the characteristic of objects.
 - (b) Explain the evolution of object model.
 - (c) What are the different class associations?
 - (d) What is the main impact of object oriented approach?
 - (e) What does Unified mean?
 - (f) List the scope of UML.
 - (g) List the types of relationships.
 - (h) Define multiplicity.
 - (i) List the components of Deployment diagram.
 - (j) What are the different standard stereotypes that apply to active classes?

PART – B
(Answer all five units, 5 X 10 = 50 Marks)**UNIT – I**

- 2 Explain the structure of complex systems.

OR

- 3 Explain the benefits of object model.

UNIT – II

- 4 Describe key abstraction.

OR

- 5 What do you understand by classes and objects?

UNIT – III

- 6 Describe Semantics document.

OR

- 7 Describe the various notations of UML.

UNIT – IV

- 8 What is branching? Describe forking and joining in activity diagrams.

OR

- 9 Draw the class diagram for purchase management system.

UNIT – V

- 10 Draw collaboration diagram for airline reservation system.

OR

- 11 Draw use case diagram for online Human Resource (HR) system. Explain with its use case relationships.
