



Bapatla Engineering College:: Bapatla
Department of Information Technology
Mid Term Exam – I

Sub: OOA&D (14IT702)
Class: 4/4 IT – A&B

Max Marks: 30

Date: 27/08/2019
Duration: 90 min

ANSWER ALL QUESTIONS (PART I)

6 x 1 = 6M

1. a) List the class stereo types.
- b) Differentiate model and a diagram.
- c) Define composition.
- d) What is the purpose of activity diagrams?
- e) Differentiate synchronous and asynchronous message.
- f) Define Generalization.

ANSWER ANY ONE QUESTION (PART II)

2. a) What are the origins of object orientation. 6M
- b) Explain use case modeling with an example. 6M

(OR)

3. a) Explain about any 4 fact finding techniques with advantages and disadvantages. 8M
- b) Draw the activity diagram for implementing purchase a book in online site. 4M

ANSWER ANY ONE QUESTION (PART III)

4. a) Explain in detail about sequence diagram with an example. 8M
- b) Differentiate interaction sequence and collaboration diagrams. 4M

(OR)

5. a) Explain component based development. 6M
- b) How to identify classes using CRC cards? 6M