



Bapatla Engineering College:: Bapatla
(Autonomous)
Department of Information Technology
Mid Term Exam – II

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

Max Marks: 30

Date: 29/10/19
Duration: 90 min

ANSWER ALL QUESTIONS (PART I)

6 x 1 = 6M

1. a) Define Pattern.
 - b) What are functional Requirements?
 - c) Who are Stake holders?
 - d) What are Guard conditions?
 - e) What are *forces* in a pattern template?
 - f) What is an integrity constraint?

ANSWER ANY ONE QUESTION (PART II)

2. a) Define Software Architecture. Explain the *different types* of Architectures. 8M
b) Discuss the *criteria* for good design. 4M

(OR)

3. a) Explain the *Structural Design Patterns* in detail. 6M
b) Write a note on the *various approaches* to User Interface Design. 6M

ANSWER ANY ONE QUESTION (PART III)

4. a) Explain the *Four main strategies* to switch over from old system to the new system. 8M
b) Write a note on the *commercially available components*. 4M

(OR)

5. Explain in detail about the *implementation diagrams* along with *examples*. 12M