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SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)

M.TECH I Year II Semester (R16) Regular Examinations May/June 2017

OBJECT ORIENTED ANALYSIS AND DESIGN

(Computer Science & Engineering)

(For Students admitted in 2016 only)

Time: **3 hours**Max. Marks:**60**

(Answer all Five Units **5 X 12 = 60**Marks)

UNIT-I

- 1 a. Explain about the terms Abstraction and Generosity? 4M
b. Explain about the building blocks of UML? 8M

OR

- 2 a. Explain about various types of Relationships used with UML notation? 6M
b. Explain the importance of Object diagram in UML with an example? 6M

UNIT-II

- 3 a. Briefly explain the properties of Collaboration diagram? 4M
b. Draw a Collaboration diagram for Airline Reservation Sytem? 4M
c. Write short note on different kinds of Events used in Behavioral modelling? 4M

OR

- 4 a. Briefly explain the properties of Activity diagram? 4M
b. Draw a Activity diagram for Restaurant Management Sytem? 4M
c. Briefly explain the representation of Time Events in Behavioral modelling? 4M

UNIT-III

- 5 a. Explain about Iterative and Incremental Unified process? 4M
b. Explain about the Importance of "Process" in software development life cycle? 8M

OR

- 6 a. Explain briefly the Architecture-Centric process? 6M
b. Explain the relation between Use case and Architecture? 6M

UNIT-IV

- 7 Explain the reasons why one should prefer the Iterative and Incremental method to develop a software? 12 M

OR

- 8 a. Explain about different Risks that affect the Project planning? 6M
b. Explain about the Resources needed to Generic Iteration Workflow? 6M

UNIT-V

- 9 a. Explain briefly about Inception Phase? 6M
b. Explain how to set Evaluation criteria for Inception Phase? 6M

OR

- 10 Explain different steps involved in the execution of Core workflows of Construction Phase? 12 M

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