Reg. No: | | | | | | | | | | |

SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR

(AUTONOMOUS)

MCA II Year I Semester (R16) Regular Examinations November 2017

OBJECT ORIENTED ANALYSIS AND DESIGN (USING UML)

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

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

UNIT-I

1	a	Define model and Explain the importance of modeling.	6M
	b	Write the rules of the UML	6M

OR

2	a	Explain how to model the systems architecture with the help of a diagram.	6M
	b	Briefly explain the software development life cycle.	6M

UNIT-II

3	Write about common modeling techniques of relationships	12M

OR

4	a	Write about advanced classes	6M
	b	Write about packages in brief	6M

UNIT-III

5	a	Write about terms and concepts of class diagram	6M
	b	Write about terms and concepts of object diagram	6M

OR

6	Write in detail about common modeling techniques of use case diagrams.	12M

UNIT-IV

7	a	Write short notes on state chart diagrams.	6M
	b	Write about terms and concepts of component	6M

OR

8	Describe about the deployment diagram	10M

UNIT-V

9	Discuss about patterns and frame works	12M

OR

10	Draw and explain the use case and state chart diagrams for Railway reservation system	12M

*** END ***