Q.P. Code: **16CS5801** **R16**

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

SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
M.Tech I Year I Semester Regular & Supplementary Examinations February 2018
OBJECT ORIENTED SOFTWARE ENGINEERING
(Computer Science Engineering)

Time: 3 hours Max. Marks:60

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

UNIT-I

1	a	Explain how OOSE differs from SE.	5M
	b	Explain about the classical life cycle model and compare it with RAD model.	7M
		OR	
2	a	List the metrics of Project and explain them with examples.	6M
	b	Define process and project and differentiate them with examples.	6M

UNIT-II

3	a	Explain briefly about different prototyping methods.	8M
	b	What is risk management and list some steps for risk management in project handling?	4M
		OR	
4	a	Write some reasons for delay in software delivery.	6M
	b	Write about COCOMO-II Model of cost estimation process in brief.	6M

UNIT-III

5	a	Explain briefly about data modeling.	4M
	b	Write in detail about Object behavior Model.	8M
		OR	
6	a	Briefly explain about Structured Analysis vs Object Oriented Analysis	8M
	b	Sketch an example to explain state diagram.	4M

UNIT-IV

7	a	Write in brief about white box testing technique	7M
	b	List and brief about levels of Testing in detail	5M
		OR	
8	a	Differentiate Verification and Validation	6M
	b	Discuss about Control flow testing and Data flow testing	6M

UNIT-V

9	a	Explain in detail about Maintenance Testing	8M
	b	List some pros and cons of maintenance testing.	4M
		OR	
10	a	What is SRS and how it is made. With a template give brief notes about it.	7M
	b	Explain 'Lehman's laws' in detail	5M

***** END *****