R19

Reg. No:

SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
M.Tech I Year I Semester Regular Examinations Jan 2020
DISTRIBUTED SYSTEMS
(Computer Science & Engineering)

Time: 3 hours   Max. Marks: 60

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

UNIT-I

1		Explain in detail Client-Server Communication with examples.	**12 M**
		OR	
2	a	Explain about Inter-process Communication in UNIX.	**6 M**
	b	What is the significance of Distributed System and How it differs from Centralized System?	**6 M**

UNIT-II

3	a	Describe Remote Procedure Calls in details.	**6 M**
	b	Explain about Communication and OS architecture in detail.	**6 M**
		OR	
4		What Java RMI? Explain it in detail.	**12 M**

UNIT-III

5	a	Explain about File Service Architecture with neat diagram.	**6 M**
	b	Write short notes on File Service System	**6 M**
		OR	
6		Write Short notes on	**12 M**
		i)Name Services ii) Name services iii) Domain Name System	

UNIT-IV

7	a	What is Distributed debugging? Explain it in detail.	**6 M**
	b	Explain in detail about Ring Algorithm in Election.	**6 M**
		OR	
8		Write any two algorithms used in distributed mutual exclusion.	**12 M**

UNIT-V

9	a	Describe CORBA with suitable examples.	**6 M**
	b	Describe CORBA RMI with neat diagrams.	**6 M**
		OR	
10		Discuss in detail CORBA Services.	**12 M**

*** END ***