Max. Marks: 60

[4+4]

Code No: 5158C

Time: 3hrs

7.a)

b)

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

M. Tech I Semester Examinations, October - 2015

DISTRIBUTED SYSTEMS

(Computer Science and Engineering)

Note: This question paper contains two parts A and B.

Part A is compulsory which carries 20 marks. Answer all questions in Part A

Part A is compulsory which carries 20 marks. Answer all questions in Part A Part B consists of 5 Units. Answer any one full question from each unit. Each question carries 8 marks and may have a, b, c as sub questions.

PART - A

			5 × 4-Marks = 20
1.a)	List any four examples	s of distributed systems.	[4]
b)	Write about:		
		ii) Scheduling	[4]
c)	Discuss about peer-to-	peer middleware.	, [4]
(d)	Describe the following		
		ii) Isolation/ ([4]
e)	Write about:		
	i) Leakage	ii) Tampering.	[4]
		PART - B	
			5 × 8 Marks = 40
2.a)		the elient-server architecture of one or ple, the Web, email or netnews).	more major Internet
b)		terprocess communication. OR	[4+4]
3,a)	Give an overview of co	ommunication between distributed obje	cts.
b)	Discuss in detail about	[4+4]	
4.a)	What are the requirement	ents of distributed file system?	
b)	Discuss in detail about	[4+4]	
		OR	
5,	Write about:		
	a) Name Spaces	b) Name resolution.	[4+4]
6.a)	Explain about Cristian'	s method for synchronizing the clocks.	
ъ)		algorithm for ensuring mutual exclusio OR	

Explain about Maekawa's voting algorithm.

Explain about multicast communication.

9.a) What are the advantages and drawbacks of multisession timestamp ordering in Comparison with ordinary important of the Comparison with ordinary important of the Comparison of the Compariso	8. nn 2011 24	Explain how the two-phase con if the top-level transaction con aborted.	nmits, all the OR	right descendants are co	ommitted or [8]	
11. Explain about CORBA RML. [83] 11. Explain about CORBA RML. [83]	9.a)	What are the advantages and drawbacks of multisession timestamp Comparison with ordinary timestamp ordering? Discuss in detail about group communication.				
The strain about CORBA RM.		Explain about Digital signature	Sayata yakarin Elabar tar		[8]	
The control of the co	11.	Explain about CORBA RMI.	OB compressed 2002	ergeta ja v	[8]	jakjilipligiji ir ije
property of the control of the contr	VI edigi		00 O 00			
(a) The state of t				DOSESSION SECTIONS IN		
Proposition of the control of the co				Describe the folicities of the section of the secti		
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원생님은 이 회원을 보고 하고 있을 것이 못하고 있다는 때문을 모르는 문학을 가장하는 것이 하면 있었다. 그는 이 점점이다고 하고 있는데 그는 점점이다는 것이 되었다. 그는 이 없는데 없는데 없는 사람이 없었다.	4	나는 아내는 사람들은 아니라 하는 아니는 아니는 아니는 사람들이 아니라 하는 것이 아니라 하는 것이 아니라 아니는 것이 없다.	"ઉંચારિકોલ્સ કે ફેબુંઇ ક્લેબુંલે, કેલ્ડ, એ ટેક્સ ફેસ્સ ફેસ્સ	14 - [2-14] 한 12 22 24 1 - [1925년 전 12 4 4 4 4 4 4 4 1 1 1 1 2 4 4 5 4 5 4 5 4 5 4 5 4 5 4 5 4 5 4 5		
			열심하다 보고 있는 얼마를 하다.	요. 그가 얼굴을 잃었다고 하는 무슨 가장을 열살이 되었다.		