



Department of Computer Engineering

Academic Year : 2021-22	
SUBJECT : Distributed System	
CLASS: TE Computer	SEMESTER: VII
ASSIGNMENT NO. : 1	DATE OF SUBMISSION:

Q. No.	Question	Marks	Learning Level	CO	PO	PSO
1	Explain what is middleware and its need in distributed system	5	Understand	C305.1	1,8,9,10,12	PSO3
2	Explain what is scalability in distributed system? What are the challenges to design scalable distributed system	5	Understand	C305.1	1,8,9,10,12	PSO3

P. N. Gulhane / P. S.Sadaphule

Subject In-charge



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ASSIGNMENT NO. : 2

DATE OF SUBMISSION:

Q. No.	Question	Marks	Learning Level	CO	PO	PSO
1	Explain the uses of RMI mechanism for inter process communication in distributed system	5	Understand	C305.2	1,23,4,5, 8,9,10,12	PSO1
2	Difference between synchronous and asynchronous communication?	5	analyze	C305.2	1,23,4,5, 8,9,10,12	PSO1

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ASSIGNMENT NO. : 3

DATE OF SUBMISSION:

Q. No.	Question	Marks	Learning Level	CO	PO	PSO
1	Compare Cristian's algorithm and Berkeley's algorithm.	5	Analyze	C305.3	1,23,4,5, 8,9,10,12	PSO1
2	Compare Centralized, Distributed and Token ring mutual exclusion algorithms.	5	Understand	C305.3	1,23,4,5, 8,9,10,12	PSO1

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ASSIGNMENT NO. : 4

DATE OF SUBMISSION:

Q. No.	Question	Marks	Learning Level	CO	PO	PSO
1	What are the two basic file system used in distributed system? Compare these two file systems	5	analyze	C305.4	1,23,4, 8,9,10,12	--
2	Explain different methods for name resolution with suitable example	5	Understand	C305.4	1,23,4, 8,9,10,12	--

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ASSIGNMENT NO. : 5

DATE OF SUBMISSION:

Q. No.	Question	Marks	Learning Level	CO	PO	PSO
1	How replication in DNS takes place and why it actually works so well.	5	Understand	C305.5	1,23,4,8,9,10,12	--
2	Describe a simple implementation of read your writes consistency for displaying web pages that have just been updated	5	Understand	C305.5	1,23,4,8,9,10,12	--

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ASSIGNMENT NO. : 6

DATE OF SUBMISSION:

Q. No.	Question	Marks	Learning Level	CO	PO	PSO
1	What is a failure model? Explain the different types of failures	5	Understand	C305.6	1,23,4, 8,9,10,12	--
2	Explain reliable client server communication	5	Understand	C305.6	1,23,4, 8,9,10,12	--

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