

Code.No: RR 410502

RR

SET-1

IV B.TECH – I SEM EXAMINATIONS, NOVEMBER - 2010
DISTRIBUTED SYSTEMS
(COM. CSE, ECC)

Time: 3hours**Max.Marks:80**

Answer any FIVE questions
All questions carry equal marks

1. Explain about various network topologies in detail. [16]
2. a) Define concurrency and parallelism. What opportunities for parallelism arise in distributed client-server systems?
b) Distinguish between virtual circuit packet delivery and data gram packet delivery. [8+8]
3. Explain the properties of a group communication protocol in detail. [16]
4. a) Discuss about atomicity and ordering with respect to group communication.
b) Write short notes on [8+8]
 - i) Marshalling
 - ii) Multicasting.
5. Explain the following.
 - a) Nested Transactions.
 - b) The aliasing problem. [8+8]
6. Discuss about SNS Design issues in detail [16]
7. Write short notes on:
 - a) Berkeley Algorithms
 - b) Cristian's Algorithms. [8+8]
8. Write about secret key encryption and public key encryption in detail. [16]

Code.No: RR 410502

RR

SET-2

IV B.TECH – I SEM EXAMINATIONS, NOVEMBER - 2010
DISTRIBUTED SYSTEMS
(COM. CSE, ECC)

Time: 3hours**Max.Marks:80**

Answer any FIVE questions
All questions carry equal marks

1. Explain the properties of a group communication protocol in detail. [16]
2. a) Discuss about atomicity and ordering with respect to group communication.
b) Write short notes on [8+8]
 - i) Marshalling
 - ii) Multicasting.
3. Explain the following.
 - a) Nested Transactions.
 - b) The aliasing problem. [8+8]
4. Discuss about SNS Design issues in detail [16]
5. Write short notes on:
 - a) Berkeley Algorithms
 - b) Cristian's Algorithms. [8+8]
6. Write about secret key encryption and public key encryption in detail. [16]
7. Explain about various network topologies in detail. [16]
8. a) Define concurrency and parallelism. What opportunities for parallelism arise in distributed client-server systems?
b) Distinguish between virtual circuit packet delivery and data gram packet delivery. [8+8]

Code.No: RR 410502

RR

SET-3

IV B.TECH – I SEM EXAMINATIONS, NOVEMBER - 2010
DISTRIBUTED SYSTEMS
(COM. CSE, ECC)

Time: 3hours**Max.Marks:80**

Answer any FIVE questions
All questions carry equal marks

1. Explain the following.
 - a) Nested Transactions.
 - b) The aliasing problem. [8+8]
2. Discuss about SNS Design issues in detail [16]
3. Write short notes on:
 - a) Berkeley Algorithms
 - b) Cristian's Algorithms. [8+8]
4. Write about secret key encryption and public key encryption in detail. [16]
5. Explain about various network topologies in detail. [16]
6. a) Define concurrency and parallelism. What opportunities for parallelism arise in distributed client-server systems?
b) Distinguish between virtual circuit packet delivery and data gram packet delivery. [8+8]
7. Explain the properties of a group communication protocol in detail. [16]
8. a) Discuss about atomicity and ordering with respect to group communication.
b) Write short notes on [8+8]
 - i) Marshalling
 - ii) Multicasting.

Code.No: RR 410502

RR

SET-4

IV B.TECH – I SEM EXAMINATIONS, NOVEMBER - 2010
DISTRIBUTED SYSTEMS
(COM. CSE, ECC)

Time: 3hours**Max.Marks:80**

Answer any FIVE questions
All questions carry equal marks

1. Write short notes on:
 - a) Berkeley Algorithms
 - b) Cristian's Algorithms. [8+8]
2. Write about secret key encryption and public key encryption in detail. [16]
3. Explain about various network topologies in detail. [16]
4. a) Define concurrency and parallelism. What opportunities for parallelism arise in distributed client-server systems?
b) Distinguish between virtual circuit packet delivery and data gram packet delivery. [8+8]
5. Explain the properties of a group communication protocol in detail. [16]
6. a) Discuss about atomicity and ordering with respect to group communication.
b) Write short notes on [8+8]
 - i) Marshalling
 - ii) Multicasting.
7. Explain the following.
 - a) Nested Transactions.
 - b) The aliasing problem. [8+8]
8. Discuss about SNS Design issues in detail [16]
