Code.No: **RR410402** | RR | SET-1

IV B.TECH – I SEM EXAMINATIONS, NOVEMBER - 2010
COMPUTER NETWORKS
(COM. ECE, EIE, BME, ETM)

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

Answer any FIVE questions
All questions carry equal marks

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1. a) Explain about TCP/IP reference model.
   b) Explain interface, service and protocol. [8+8]

2. a) Discuss about date transmission using co-axial cables
   b) Compare narrow band ISDN with broad band ISDN. [8+8]

3. a) Briefly explain the need of framing in DLL.
   b) Explain data link layer in HDLC. [8+8]

4. a) Discuss the MAC sub layer functions.
   b) Explain with diagram 802.3 frame format. [8+8]

5. a) Explain with Example Hierarchical routing algorithm
   b) Explain about shortest path routing algorithm. [8+8]

6. a) Discuss any two styles of internetworking.
   b) Explain any one control Algorithm. [8+8]

7. a) Explain the concept of Addressing in transport layer.
   b) Explain briefly about TCP header. [8+8]

8. a) Write short notes on any Two:
   i) E – mail ii) SNMP iii) DNS [8+8]

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Code.No: **RR410402** | RR | SET-2

IV B.TECH – I SEM EXAMINATIONS, NOVEMBER - 2010
COMPUTER NETWORKS
(COM. ECE, EIE, BME, ETM)

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

Answer any FIVE questions
All questions carry equal marks
- - -

1. a) Briefly explain the need of framing in DLL.
   b) Explain data link layer in HDLC. [8+8]

2. a) Discuss the MAC sub layer functions.
   b) Explain with diagram 802.3 frame format. [8+8]

3. a) Explain with Example Hierarchical routing algorithm
   b) Explain about shortest path routing algorithm. [8+8]

4. a) Discuss any two styles of internetworking.
   b) Explain any one control Algorithm. [8+8]

5. a) Explain the concept of Addressing in transport layer.
   b) Explain briefly about TCP header. [8+8]

6. a) Write short notes on any Two:
   i) E – mail ii) SNMP iii) DNS [8+8]
7. a) Explain about TCP/IP reference model.
   b) Explain interface, service and protocol. [8+8]

8. a) Discuss about date transmission using co-axial cables
   b) Compare narrow band ISDN with broad band ISDN. [8+8]

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Code.No: **RR410402** | RR | SET-3

IV B.TECH – I SEM EXAMINATIONS, NOVEMBER - 2010
COMPUTER NETWORKS
(COM. ECE, EIE, BME, ETM)

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

Answer any FIVE questions
All questions carry equal marks

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1. a) Explain with Example Hierarchical routing algorithm
   b) Explain about shortest path routing algorithm. [8+8]

2. a) Discuss any two styles of internetworking.
   b) Explain any one control Algorithm. [8+8]

3. a) Explain the concept of Addressing in transport layer.
   b) Explain briefly about TCP header. [8+8]

4. a) Write short notes on any Two:
   i) E – mail ii) SNMP iii) DNS [8+8]

5. a) Explain about TCP/IP reference model.
   b) Explain interface, service and protocol. [8+8]

6. a) Discuss about date transmission using co-axial cables
   b) Compare narrow band ISDN with broad band ISDN. [8+8]

7. a) Briefly explain the need of framing in DLL.
   b) Explain data link layer in HDLC. [8+8]

8. a) Discuss the MAC sub layer functions.
   b) Explain with diagram 802.3 frame format. [8+8]

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Code.No: **RR410402** | RR | SET-4

IV B.TECH – I SEM EXAMINATIONS, NOVEMBER - 2010
COMPUTER NETWORKS
(COM. ECE, EIE, BME, ETM)

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

Answer any FIVE questions
All questions carry equal marks
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1. a) Explain the concept of Addressing in transport layer.
   b) Explain briefly about TCP header. [8+8]

2. a) Write short notes on any Two:
   i) E – mail ii) SNMP iii) DNS [8+8]

3. a) Explain about TCP/IP reference model.
   b) Explain interface, service and protocol. [8+8]

4. a) Discuss about date transmission using co-axial cables
   b) Compare narrow band ISDN with broad band ISDN. [8+8]

5. a) Briefly explain the need of framing in DLL.
   b) Explain data link layer in HDLC. [8+8]

6. a) Discuss the MAC sub layer functions.
   b) Explain with diagram 802.3 frame format. [8+8]

7. a) Explain with Example Hierarchical routing algorithm
   b) Explain about shortest path routing algorithm. [8+8]

8. a) Discuss any two styles of internetworking.
   b) Explain any one control Algorithm. [8+8]

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