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Chapter 1

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|---|--|---|
| 1 | Define the modes of transmission.? | 2 |
| 2 | Compare TCP/IP and OSI network model.? | 7 |
| 3 | Explain DTE-DCE Interface with the help of full duplex transmission system.? | 7 |
| 4 | What is the advantage of using 56 K modem over conventional modem.? | 7 |

Chapter 2

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|---|---|---|
| 1 | Write main function of data link layer.? | 2 |
| 2 | What is the mechanism of Selective Reject ARQ.? | 7 |
| 3 | Explain the frame formate of HDLC.? | 7 |
| 4 | How CRC is superior to LRC.? | 8 |

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Chapter 3

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|---|---|---|
| 1 | What is the function of LLC.? | 2 |
| 2 | Explain the medium access technique used in 802.3.? | 7 |
| 3 | How does a Token Ring LAN operate.? | 7 |
| 4 | Make a comparison of all standard Ethernet.? | 7 |

Chapter 4

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|---|---|---|
| 1 | Explain the format of IP address.? | 2 |
| 2 | Discuss the function of transport layer.? | 7 |
| 3 | Explain FTAM.? | 7 |
| 4 | Explain the function of network layer.? | 7 |

Chapter 5

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|---|--|---|
| 1 | Give specification of 10 ^G Base T.? | 2 |
| 2 | Explain FDDI working .? | 7 |
| 3 | Explain the line coding used in 100 base FX.? | 7 |
| 4 | Write a note on Gigabit ethernet.? | 7 |

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