

BHARATI VIDYAPEETH INSTITUTE OF TECHNOLOGY

QUESTION BANK

Unit Test-II (Shift:-I & II)

Program: - IF

Semester: - III

Course: - Data Communication (22322)

CHAPTER-3

2 MARKS

1. Define Multiplexing. Enlist its types.
2. Give classification of switching methods.

4 MARKS

1. Explain synchronous TDM
2. Compare DSSS and FHSS
3. Explain circuit switching with suitable diagram.
4. Explain packet switching for datagram approach.

CHAPTER-4

2 MARKS

1. List the layers of OSI model
2. What is peer to peer process.
3. What is encapsulation
4. Define Error and list different types of transmission errors.
5. List functions performed by Data Link Layer.
6. Define:
 - i) Single-Bit Error
 - ii) Burst Error

4 MARKS

1. Explain stop and wait protocol.
2. Explain go back n protocol.
3. Explain Functionality of any four layers of OSI model
4. Explain VRC error detection method with example.

5. Explain CRC error detection method with example.

CHAPTER-5

2 MARKS

1. Define Bluetooth. Enlist types of Bluetooth networks
2. Draw diagram of piconet and scatternet.

4 MARKS

1. Compare Wired LAN and wireless LAN
2. Describe Second Generation of Mobile Telephone System.
3. Describe wireless IEEE 802.11
4. Compare 1G, 2G, 3G, 4G.
5. List the features of VoLTE.
6. Explain Hand-off operation in mobile phone.
7. Explain Bluetooth architecture.