

Question Bank (G Scheme)

Name of subject: COMPUTER NETWORKS

Unit Test: 2

Subject code: 17429

Course:CM/CO

Semester:IV

Chap 3) TRANSMISSION MEDIA

3 marks question

- 1) With the help of diagram explain satellite communication.
- 2) Explain the architecture of Bluetooth.
- 3) Explain the transmit, receive, hand off operations.

4 marks question

- 4) Compare FDMA, TDMA, CDMA.
- 5) Explain architecture of wireless LAN 802.11 with suitable diagram.
- 6) Explain microwave (RF) Link with advantages and disadvantages.
- 7) State various communication bands and their applications.
- 8) Write note on radio wave transmission system.

Chap 4) OSI Reference model

3marks question

- 9) How does the actual data transfer take place between two machines?
- 10) Explain the following with respect to DLL.
a)Framing b)Addressing c)Access control.
- 11) Explain flow control at transport layer.
- 12) Describe different types of hand offs.

4 Marks question

- 13) Draw the OSI reference model and explain the function of different layers.
- 14) Briefly explain token passing and CSMA/CD.
- 15) Explain the role of presentation layer.
- 16) Explain horizontal communication and vertical communication.

Chap 5)TCP/IP Suite.

3 Marks Question

- 17) Compare IPv4 and IPv6.
- 18) What is TCP and UDP.
- 19) Explain registered and unregistered IP addresses.
- 20) Explain HTTP operation.

4 Marks Question

- 21) Compare SLIP and PPP.
- 22) What is subnetting in IP network and explain with suitable example.
- 23) What is domain name system? How does it work?
- 24) Explain IPv4 addressing.
- 25) Describe Message Transfer Agent SMTP.