

- Q.16 Differentiate between TCP and UDP protocol.
- Q.17 Explain any five functions provided by transport layer.
- Q.18 Give any five differences between LAN and WAN.

SECTION-D

Note: Long answer type questions. Attempt any one question out of two questions. (1x10=10)

- Q.19 What do you mean by Ipv4 addresses. Explain in detail various Ipv4 classes.
- Q.20 Explain layered architecture of OSI model with the help of diagram.

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Level 4, 2nd Sem / SD
Subject : Computer Networks

Time : 2 Hrs.

M.M. : 50

SECTION-A

Note: Multiple choice questions. All questions are compulsory (10x1=10)

- Q.1 The network layer lies between _____ and _____ layer
a) Data link and transport layer
b) Data link and session layer
c) Transport and application layer
d) Physical and data link layer
- Q.2 TCP stands for _____
a) Transfer control protocol
b) Transmission control protocol
c) Twisted control protocol
d) None of the above
- Q.3 _____ layer deals with the routing of packets

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- from source to destination
- a) Physical layer b) Network layer
 - c) Data link layer d) Transport layer
- Q.4 List any two services provided by application layer
- a) Email and HTTP
 - b) Error and flow control
 - c) Framing and packet delivery
 - d) None of these
- Q.5 Define IPV4 address is _____ type of address.
- a) Port address b) Physical address
 - c) Logical address d) None of the above
- Q.6 LAN stands for _____
- a) Logical area network
 - b) Low area network
 - c) Local area network
 - d) None of the above
- Q.7 Define UDP.
- a) User delivery protocol
 - b) User datagram protocol
 - c) User datagram process
 - d) None of the above
- Q.8 Which protocol is primarily used for browsing data.
- a) FTP b) SMTP
 - c) HTTP d) None of these
- Q.9 Which type of network supports transmitting voice, video and data?
- a) LAN b) MAN
 - c) WAN d) All of these
- Q.10 Which layer deals with data in the form of bits.
- a) Physical layer b) Data link layer
 - c) Transport layer d) Application layer
- SECTION-C**
- Note:** Short answer type questions. Attempt any six questions out of eight questions. (6x5=30)
- Q.11 Explain architecture of Internet.
- Q.12 What do you mean by network addressing. Explain in brief various types of addresses used in networks.
- Q.13 List any five advantages of using computer networks.
- Q.14 Explain in brief various protocols which works with application layer.
- Q.15 Explain various framing data techniques