

- 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 questions 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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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

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