

Q 10

Which address is used to identify a process on a host by the transport layer?

- a) physical address
- b) logical address
- c) port address
- d) specific address

Q 11

The physical layer is concerned with _____

- a) bit-by-bit delivery
- b) process to process delivery
- c) application to application delivery
- d) port to port delivery

Q 12

When 2 or more bits in a data unit has been changed during the transmission, the error is called

- a) random error
- b) burst error
- c) inverted error
- d) double error

Q 13

The network layer is concerned with _____ of data.

- a) bits
- b) frames
- c) packets
- d) bytes

Q 14

A 4 byte IP address consists of _____

- a) only network address
- b) only host address
- c) network address & host address
- d) network address & MAC address

Q 15

Which of the following is not correct in relation to multi-destination routing?

- a) is same as broadcast routing
- b) contains the list of all destinations
- c) data is not sent by packets
- d) there are multiple receivers

Q 16

ICMP is primarily used for _____

a) error and diagnostic functions

b) addressing

c) forwarding

d) routing

Q 17

User datagram protocol is called connectionless because _____

a) all UDP packets are treated independently by transport layer

b) it sends data as a stream of related packets

c) it is received in the same order as sent order

d) it sends data very quickly

Q 18

In the transfer of file between server and client, if the transmission rates along the path is 10Mbps, 20Mbps, 30Mbps, 40Mbps. The throughput is usually _____

a) 20Mbps

b) 10Mbps

c) 40Mbps

d) 50Mbps

Q 19

Propagation delay depends on _____

- a) Packet length
- b) Transmission rate
- c) Distance between the routers
- d) Speed of the CPU

Q 1

A _____ set of rules that governs data communication

a) Protocols

b) Standards

c) RFCs

d) Servers

Q 20

What is the access point (AP) in a wireless LAN?

- a) device that allows wireless devices to connect to a wired network
- b) wireless devices itself
- c) both device that allows wireless devices to connect to a wired network and wireless devices itself
- d) all the nodes in the network

Q 21

In wireless ad-hoc network _____

a) access point is not required

b) access point is must

c) nodes are not required

d) all nodes are access points

Q 22

When the mail server sends mail to other mail servers it becomes _____

a) SMTP server

b) SMTP client

c) Peer

d) Master

Q 23

You have an IP address of 172.16.13.5 with a 255.255.255.128 subnet mask. What is your class of address, subnet address, and broadcast address?

- a) Class A, Subnet 172.16.13.0, Broadcast address 172.16.13.127
- b) Class B, Subnet 172.16.13.0, Broadcast address 172.16.13.127
- c) Class B, Subnet 172.16.13.0, Broadcast address 172.16.13.255
- d) Class B, Subnet 172.16.0.0, Broadcast address 172.16.255.255

Q 24

ISP exchanges internet traffic between their networks by _____

- a) internet exchange point
- b) subscriber end point
- c) isp end point
- d) internet end point

Q 25

The process of error checking and dropping of the header, delivering messages to appropriate process based on port number is called as _____

- a) Delivery of packets
- b) Error correction
- c) Multiplexing
- d) Demultiplexing

Q 2

In computer network nodes are _____

- a) the computer that originates the data
- b) the computer that routes the data
- c) the computer that terminates the data
- d) all of the mentioned

Q 3

Bluetooth is an example of _____

- a) personal area network
- b) local area network
- c) virtual private network
- d) wide area network

Q 4

A _____ is a device that forwards packets between networks

a) bridge

b) firewall

c) router

d) hub

Q 5

HFC contains _____

- a) Fibre cable
- b) Coaxial cable
- c) A combination of Fibre cable and Coaxial cable
- d) Twisted Pair Cable

Q 6

Application layer is implemented in _____

- a) End system
- b) NIC
- c) Ethernet
- d) Packet transport

Q 7

Transport layer is implemented in _____

- a) End system
- b) NIC
- c) Ethernet
- d) Signal transmission

Q 8

Which layer is used to link the network support layers and user support layers?

- a) session layer
- b) data link layer
- c) transport layer
- d) network layer

Q 9

Which layer is responsible for process to process delivery in a general network model?

- a) network layer
- ☒ b) transport layer
- c) session layer
- d) data link layer