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## Quiz on LANs and Netowrk Layer - Attempt 1

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29 In Half-Duplex Gigabit Ethernet, Frame bursting is not applied to the \_\_\_\_\_ frame.

Marks: 1

Answer:

30 Routing is done by \_\_\_\_\_.

Marks: 1

Choose one  
answer.

- ☐ a. connections
- ☐ b. datagrams
- ☐ c. hosts
- ☒ d. intermediate stations
- ☐ e. end stations

31 Select the correct answers: After a collision, Ethernet \_\_\_\_\_.

Marks: 1

Choose at  
least one  
answer.

- ☐ a. generates a new checksum
- ☐ b. waits for the arbitrating station to inform when to transmit
- ☒ c. waits for a random period before re-transmitting
- ☒ d. sends a jamming signal
- ☐ e. drops the frame if there have been too many collisions before

32 :A LAN is *not* characterised by the following:

Marks: 1

Choose one  
answer.

- ☐ a. LAN transmission capacity is usually higher than that of a WAN
- ☐ b. LAN channel is usually privately owned

- ☐ c. Connection between the n.w. stations are usually few meters to several 100 meters
- ☒ d. If a LAN has several segments, those are usually connected using Frame Relay

33 Forwarding tables are found in

Marks: 1

Choose one answer.

- ☒ a. both type of networks
- ☐ b. connection-oriented networks
- ☐ c. none of these networks
- ☐ d. connectionless networks

34 Packets with \_\_\_\_\_ destinations are forwarded on a *default route*.

Marks: 1

Choose one answer.

- ☐ a. large
- ☐ b. complex
- ☐ c. known
- ☒ d. unknown
- ☐ e. small

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