

Question No: 31 (Marks: 2)

Does OSPF only share information within area or does it allow communication between areas?

Answer:- rep

Question No: 32 (Marks: 2)

Define what is extension head in IPv6

Answer:- (Page 111)

Additional information is stored in optional extension headers, followed by data.

Question No: 33 (Marks: 2)

What is implementation of NAT?

Answer:- rep

Question No: 34 (Marks: 2)

Which wireless standard is used in WIFI technology?

Answer:- (Page 29)

IEEE 802.11

Question No: 35 (Marks: 2)

How ICMP can be used to trace route?

Answer:- rep

Question No: 36 (Marks: 3)

Write a note on “limited connectivity” of Wireless LAN.

Answer:- (Page 29)

In contrast with wired LANs, not all participants may be able to reach each other Because:

- ❖ It has low signal strength.
- ❖ In wireless LANs the propagation is blocked by walls etc.
- ❖ It can't depend on CD to avoid interference because not all participants may hear.

Question No: 37 (Marks: 3)

In internet routing how can a host join or leave group?

Answer:- rep

Question No: 38 (Marks: 3)

Provide three characteristics of UDP?

Answer:- rep

Question No: 39 (Marks: 5)

What is meant by message oriented interface in UDP also give the advantages and disadvantages of interface

Answer:- (Page 120)

UDP offers application programs a Message-Oriented Interface. It does not divide messages into packets for transmission and does not combine messages for delivery. Let's discuss its advantages and disadvantages.

ADVANTAGES:

- Applications can depend on protocol to preserve data boundaries.

DISADVANTAGES:

- Each UDP message must fit into a single IP datagram.
- It can result to an inefficient use of the underlying network

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Question No: 40 (Marks: 5)

What is the role of OSPF?

Answer:- rep

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