New chat

C

Q1) Discuss the mapping of logical to physical address (ARP) with suitable diagram. 2
Q2) Draw the structure of ARP packet & discuss its all fields. 3
Q3) What are the steps involved in an ARP process. 2
Q4) What are the four different cases used in ARP? 2
Q5) Explain following protocols:
(i) RARP
(ii) BOOTP
(iii) DHCP
Q6) Discuss direct & indirect delivery (use diagrams to show the process). 2
Q7) What is forwarding? Discuss various forwarding techniques. 2
Q8) What is static routing table? Explain common fields in a dynamic routing table.
Q9) What do you mean by adaptive and non-adaptive routing algorithm? Discus Distance Vector
Routing including count to infinity problem.

2
Q10) What is flooding? Discuss the concept of link state routing. 2
Q11) Explain unicasting, multicasting & broadcasting using suitable diagram. 2
Q12) What is shortest path algorithm? For the following figure, compute the shortest path from A to
D.
Q13) What is Congestion? Differentiate between congestion control and flow control with example.
Also discuss congestion prevention policies.
Q14) Sketch the IP header neatly and explain the functions of each field. What are the deficiencies of
IPV4 over IPV6?

Provide the answer of above Question for university level

Q1) Discuss the mapping of logical to physical address (ARP) with suitable diagram. (2)

The Address Resolution Protocol (ARP) is used to map a logical address (such as an IP address) to a physical address (such as a MAC address). ARP operates at the Data Link

Send a message.