Informal Quiz 5 ΤF ☐ A packet addressed to 225.13.40.3 will not leave the site (or administrative domain) □ SNMP is designed to fetch any subtree in a MIB in a single transaction ☐ The "SEQUENCE OF" constructor in ASN.1 syntax is used to define the equivalent of a "struct" in the C language. ☐ SNMP is only the message exchange protocol for network management. ☐ BOOTP extends RARP functionality and makes it independent of the link layer technology. ☐ The key difference between BOOTP and DHCP is that the latter can lease out addresses dynamically and for short periods Shivkumar Kalyanaraman Rensselaer Polytechnic Institute

Γ	F Informal Quiz 5 (contd) ☐ Application-layer relays provide multicast-like efficiencies in packet transmission, but incur management overhead	
	☐ A unidirectional shared tree reaching all destinations in a group is sufficient to support IP multicasting to that group.	S
	☐ An IP multicast routing tree is built and maintained using the combination of IGMP (at the leaves) and a routing protocol	
	☐ The MBONE is suitable for multiway, highly interactive videoconferences	
	☐ Scalability in multicast routing is typically achieved by using shared trees and not requiring off-tree state.	
	☐ Changing IP (to IPv6) requires change to both the lower (link) and higher (transport) layers.	hd
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Informal Quiz 5 (solns) ☐ A packet addressed to 225.13.40.3 will not leave the site (or administrative domain) $\sqrt{\text{SNMP}}$ is designed to fetch any subtree in a MIB in a single transaction □ √ The "SEQUENCE OF" constructor in ASN.1 syntax is used to define the equivalent of a "struct" in the C language. ☐ SNMP is only the message exchange protocol for network management. ☐ BOOTP extends RARP functionality and makes it independent of the link layer technology. ☐ The key difference between BOOTP and DHCP is that the latter can lease out addresses dynamically and for short periods Shivkumar Kalyanaraman Rensselaer Polytechnic Institute

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