Informal Quiz 5

T F

- ❑ ❑ 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

Informal Quiz 5 (contd)

T F

- ❑ ❑ 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.
- ❑ ❑ 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.

Informal Quiz 5 (solns)

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