

Quiz 3 - Chapter 7 and 9 Results for Abdulaziz Alkaabi

Score for this quiz: **10** out of 20

Submitted Oct 19 at 3:07pm

This attempt took 15 minutes.

Question 1

2 / 2 pts

Which ONE of the following guided media offers the greatest bandwidth and data transmission rates?

☐ STP

☐ Coax

☒ Fiber Optic

☐ Satellite

Correct!

Question 2

0 / 2 pts

You Answered

Twisted pair cable is twisted for which ONE of the following reasons?

☒ Increased bandwidth

Correct Answer

☐ Reduce crosstalk☐ Eliminate EMI☐ Signal differences**Question 3**

2 / 2 pts

Which media is completely resistant to EMI (Electromagnetic Interference)?

☐ UTP☐ Coax

Correct!

☒ Fiber☐ STP**Question 4**

2 / 2 pts

_____ waves are considered to be omni-directional and are found in the 3kHz to 1Ghz frequency spectrum.

Correct!

- ☒ Radio
- ☐ Micro
- ☐ Infrared
- ☐ Satellite

Question 5**0 / 2 pts**

If a company wants to set up a network in an environment where the employees use laptops and like to move around the workspace. If there is no issue with EMI and RFI, what type of media should they use?

Un Answered

- ☒ UTP
- ☐ Microwave
- ☐ Coax

Correct Answer

- ☐ Radiowave

Question 6**0 / 2 pts**

The data-link layer has 2 sublayers, the DLC and MAC. Which sublayer deals with physical addressing?

Incorrect Answer☐ MAC☐ Neither**Correctly Answered**☒ DLC☐ Both**Question 7****2 / 2 pts**

Which protocol is used to map IP addresses to physical addresses in a network?

☐ IPv6☒ ARP☐ IGMP☐ ICMP**Correct!****Question 8****0 / 2 pts**

When connecting devices together in a single building, is a router or routers needed to connect the network devices together if they are not segmented?

Incorrect Answer☐ No

You Answered

☒ Yes**Question 9****0 / 2 pts**

When an ARP request is sent in a network it is _____, but the ARP reply is _____.

☐ Unicast, Broadcast☐ Multicast, Broadcast

You Answered

☒ Broadcast, Multicast

Correct Answer

☐ Broadcast, Unicast**Question 10****2 / 2 pts**

Which one of the following is the normal format for a frame with the IP addresses and Physical addresses in the proper order for the network connection listed below?

NODE1 (N1, L1) -----> NODE2 (N2, L2)

☐ N1 | L1 | N2 | L2**Correct!**☒ L2 | L1 | N1 | N2

☐ N1 | L2 | N2 | L1

☐ N1 | N2 | L1 | L2

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