

Quiz 1 - Chapters 1 and 2 Results for Abdulaziz Alkaabi

⚠ Correct answers are hidden.

Score for this attempt: **18** out of 20

Submitted Sep 14 at 10:44pm

This attempt took 8 minutes.

Question 1

1 / 1 pts

A Local Area Network (LAN) normally covers an area the size of what area? Select ALL that apply.

☒ office

☒ building

☐ state

☒ home

Question 2

1 / 1 pts

This type of network topology is the most reliable due to its built in redundancy.

☐ Bus

☐ Star

☐ Ring

- ☒ Mesh

Question 3**1 / 1 pts**

Which ONE of the following is NOT one of the components of a data communication system?

- ☐ Message
- ☐ Receiver
- ☐ Medium
- ☐ Protocol
- ☒ Link

Incorrect**Question 4****0 / 1 pts**

Data can flow in both directions, but only one direction at a time in this communication method.

- ☐ Simplex
- ☐ Half-Duplex
- ☒ Full-Duplex
- ☐ Quad-Duplex

Question 5**1 / 1 pts**

In a fully connected mesh topology with five computers, we need _____ links.

☐ 5☐ 8☒ 10☐ 12**Question 6****1 / 1 pts**

An RFC classified as _____ describes work related to an _____ situation that does not affect the operation of the Internet. Such an RFC should not be implemented in any functional Internet service.

☐ Draft Standard☐ Historic☐ Informationl☒ Experimental

Question 7**1 / 1 pts**

This organization is responsible for identifying operational problems and proposing solutions to these problems and also develops and reviews specifications intended as Internet standards.

☐ IEEE☐ IRTF☒ IETF☐ ISO**Question 8****1 / 1 pts**

The main purposes of the _____ are to oversee the continuing development of the TCP/IP Protocol Suite and to serve in a technical advisory capacity to research members of the Internet community.

☐ IRTF☐ IETF☐ ISOC☒ IAB

Question 9**1 / 1 pts**

Which of the following network types (topologies) was originally developed by IBM to connect device together in a loop structure?

☒ Token Ring☐ Bus☐ Mesh☐ Star**Incorrect****Question 10****0 / 1 pts**

The Internet backbone is primarily comprised of which of the following organizations?

☐ Universities☐ Cities☐ Telecommunication companies☒ System Network Providers**Question 11****1 / 1 pts**

This device would be used when you want to connect two networks that have different IP network addresses.

- ☐ Hub
- ☐ Switch
- ☒ Router
- ☐ None of the other answers

Question 12

1 / 1 pts

A switch looks at the _____ address to determine which port to forward the packet.

- ☒ MAC
- ☐ IP
- ☐ TCP
- ☐ FTP

Question 13

1 / 1 pts

Which ONE of the following protocols is found at the Application layer of the TCP/IP protocol suite?

☐ TCP☐ IP☐ UDP☒ SMTP**Question 14****1 / 1 pts**

In the TCP/IP protocol suite, a *port number* is the identifier at the _____.

☐ Network layer☒ Transport layer☐ Link layer☐ Physical layer**Question 15****1 / 1 pts**

Which layer of the OSI model handles the bits that are transferred between nodes on a network?

☐ Transport☐ Presentation

☒ Physical

☐ Data Link

Question 16

1 / 1 pts

This TCP/IP protocol is connection-less and is responsible for passing packets across a network.

☐ TCP

☒ UDP

☐ ARP

☐ RARP

Question 17

1 / 1 pts

The OSI model is comprised of _____ layers.

☐ 4

☐ 5

☐ 6

☒ 7

Question 18**1 / 1 pts**

The OSI model was developed by the _____ in the 1970s.

☐ IEEE☐ IETF☒ ISO☐ TCP**Question 19****1 / 1 pts**

A protocol at a layer can encapsulate a packet from several next-higher layer protocols (one at a time). What is this called?

☒ Multiplexing☐ De-encapsulating☐ Bandwidth☐ None of the answers are correct**Question 20****1 / 1 pts**

Which TCP/IP protocol is used for transmitting web pages across the Internet or other network?

☐ SMTP

☒ HTTP

☐ HTML

☐ PGP

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