

Question 1

What is the term for a group of connected devices? 1 / 1 point

Network

Hub

Protocol

Cloud

Correct

Question 2

A _____ broadcasts information to every device on the network. 1 / 1 point

switch

hub

router

modem

Correct

Question 3

Which network device makes connections between specific devices on a local network by sending and receiving data between them? 1 / 1 point

A switch

A router

A hub

A modem

Correct

Question 4

Which of the following are benefits for businesses that are considering using a cloud service provider (CSP)? Select all that apply. 1 / 1 point

CSPs provide business analytics to monitor web traffic and sales.

Correct

CSP remote servers allow online services to be accessed from any location.

Correct

CSP data and devices are more secure because they are stored locally.

CSPs offer on-demand storage.

Correct

Question 5

What is the purpose of the footer of a data packet? 1 / 1 point

To show the MAC address of the destination device

To identify the message to be transmitted to the receiving device

To signal to the receiving device that the packet is finished

To contain the source IP address

Correct

Question 6

Fill in the blank: _____ refers to the practice of using remote servers, applications, and network services that are hosted on the internet, instead of in a physical location owned by a company. 1 / 1 point

Cloud computing

Software defined networks (SDNs)

Hybrid cloud environment

Local area network (LAN)

Correct

Question 7

Which one of the following port numbers is used for email traffic? 1 / 1 point

20

25

443

23

Correct

Question 8

Fill in the blank: The ____ layer is used to determine how data packets will interact with receiving devices, including file transfers and email services. 1 / 1 point

Layer 1, network access

Layer 2, internet

Layer 3, transport

Layer 4, application

Correct

Question 9

Fill in the blank: 127.0.0.1 is an example of an ____ address. 1 / 1 point

IPv6

Ethernet

MAC

IPv4

Correct

Question 10

Fill in the blank: fe80::ab12:cd34:ef56:0023:2345 is an example of an accurate ____ address. 1 / 1 point

Ethernet

IPv4

MAC

IPv6

Correct