➢ Vendor: Microsoft

➢ Exam Code: 98-366

➢ Exam Name: Networking Fundamentals

➢ Question 61 -- Question 90

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QUESTION 61
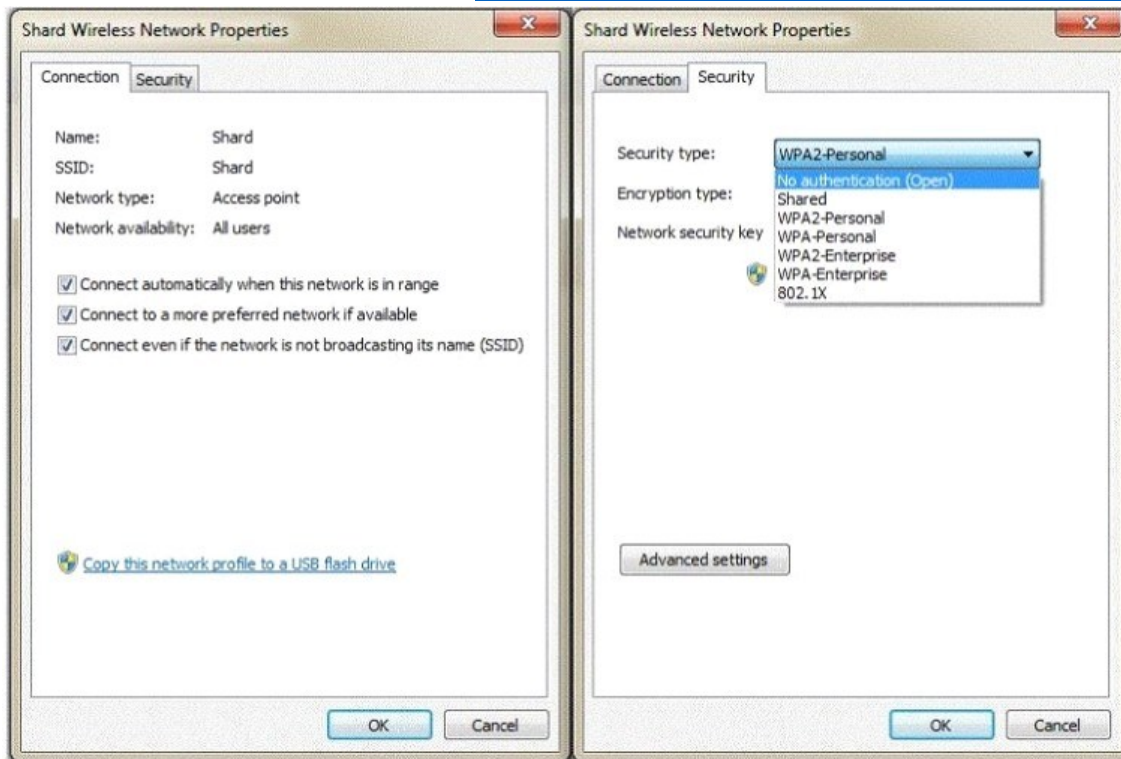A node within a local area network (LAN) must have which two of the following? (Choose two.)

A. Username and password
B. Share name
C. NIC
D. IP address
E. Table of all network nodes

Answer: BE

QUESTION 62
Hotspot Question
You are configuring a wireless network with the Wireless Network Properties that are shown in the following image:

Shard Wireless Network Properties [X]

Connection | Security

Name: Shard
SSID: Shard
Network type: Access point
Network availability: All users

☑ Connect automatically when this network is in range
☑ Connect to a more preferred network if available
☑ Connect even if the network is not broadcasting its name (SSID)

🌐 Copy this network profile to a USB flash drive

[OK] [Cancel]

Shard Wireless Network Properties [X]

Connection | Security

Security type: [WPA2-Personal ▼]
No authentication (Open)
Shared
WPA2-Personal
WPA-Personal
WPA2-Enterprise
WPA-Enterprise
802.1X

Encryption type:

Network security key

[Advanced settings]

[OK] [Cancel]

Use the drop-down menus to select the answer choice that completes each statement. Each correct selection is worth one point.

Answer Area

To manually select which network to connect to, you should uncheck [**answer choice**]

[▼]
Connect automatically when this network is in range.
Connect to a more preferred network if available.
Connect even if the network is not broadcasting its name (SSID).

The [**answer choice**] security type requires certificates for its encryption.

[▼]
WPA-Enterprise
WPA2-Personal
802.1X

Answer:

Answer Area

To manually select which network to connect to, you should uncheck [**answer choice**]

[▼]
Connect automatically when this network is in range.
Connect to a more preferred network if available.
Connect even if the network is not broadcasting its name (SSID).

The [**answer choice**] security type requires certificates for its encryption.

[▼]
WPA-Enterprise
WPA2-Personal
802.1X

QUESTION 63
This question requires that you evaluate the underlined text to determine if it is correct. An virtual private network (VPN) protects a network's perimeter by monitoring traffic as it enters and leaves. Select the correct answer if the underlined text does not make the statement correct. Select 'No change is needed" if the underlined text makes the statement correct.

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A. Extranet
B. Firewall
C. Intranet
D. No change is needed

Answer: B

QUESTION 64
This question requires that you evaluate the underlined text to determine if it is correct. The loopback address of your computer is 127.0.0.1. Select the correct answer if the underlined text does not make the statement correct. Select 'No change is needed" if the underlined text makes the statement correct.

A. 10.0.1.1
B. 169.254.0.5
C. 192168.1.1
D. No change is needed

Answer: D

QUESTION 65
You run the ipconfig command. The output is shown in the following image:

```
Windows IP Configuration

Wireless LAN adapter Wireless Network Connection 3:

    Media State . . . . . . . . . . . : Media disconnected
    Connection-specific DNS Suffix  . :

Wireless LAN adapter Wireless Network Connection:

    Connection-specific DNS Suffix  . :
    IPv6 Address. . . . . . . . . . . : 2602:304:aecf:a929:cce2:4be1:be2a:260
    Temporary IPv6 Address. . . . . . : 2602:304:aecf:a929:f09e:893:6519:6a2
    Link-local IPv6 Address . . . . . : fe80::cce2:4be1:be2a:260%17
    IPv4 Address. . . . . . . . . . . : 192.168.1.65
    Subnet Mask . . . . . . . . . . . : 255.255.255.0
    Default Gateway . . . . . . . . . :
```

From these settings, you can tell that the computer:

A. Will have limited Internet access
B. Will have full Internet access
C. Will not be able to access the Internet
D. Will not be able to access the local network

Answer: A

QUESTION 66
Which IEEE 802.11 Wi-Fi networking standard requires dual antennas so it can run in all of its supported frequencies?

A. 802.11a
B. 802.11b

C. 802.11g
D. 802.11n

Answer: D

QUESTION 67
What is the bit rate for a North American T3 circuit?

A. 6.312 Mbit/s
B. 44.736 Mbit/s
C. 274.176 Mbit/s
D. 400.352 Mbit/s

Answer: B

QUESTION 68
Hotspot Question
For each of the following statements, select Yes if the statement is true. Otherwise, select No. Each correct selection is worth one point.

Answer Area

	Yes	No
Dynamic Routing provides the ability to add networks automatically by learning them from other RIP routers.	○	○
Dynamic Routing provides the ability to automatically remove routes from the routing table when other RIP neighbors delete them.	○	○
Dynamic Routing provides the ability to select the best route based on routing metrics.	○	○

Answer:

Answer Area

	Yes	No
Dynamic Routing provides the ability to add networks automatically by learning them from other RIP routers.	☑	○
Dynamic Routing provides the ability to automatically remove routes from the routing table when other RIP neighbors delete them.	☑	○
Dynamic Routing provides the ability to select the best route based on routing metrics.	☑	○

QUESTION 69

Which feature of Category 5e STP cable reduces external interference?

A. Crosstalk
B. Shielding
C. Length
D. Twisting

Answer: C

QUESTION 70
What is an example of a network device that associates a network address with a port?

A. Switch
B. Router
C. Hub
D. DSL modem

Answer: C

QUESTION 71
Which wireless communication problem is caused by electromagnetic waves?

A. Fading
B. Attenuation
C. Interference
D. Diffraction

Answer: C

QUESTION 72
An Action Center alert recommends that you enable Windows Firewall. After enabling the firewall, you can no longer access websites. Which two TCP ports should you add exceptions for on the firewall? (Choose two.)

A. Port 21
B. Port 23
C. Port 25
D. Port 80
E. Port 443

Answer: DE

QUESTION 73
What are two advantages of using star topology rather than ring topology in a computer lab workgroup? (Choose two.)

A. Failure of a central connectivity device does not bring down the entire network.
B. A central connection point allows for flexibility and scalability.
C. Data travels on redundant paths, so one cable cannot stop its transmission.
D. A cable problem within the group affects two nodes, at most.

Answer: BD

QUESTION 74
What are three characteristics of Ethernet network topology? (Choose three.)

A. It uses tokens to avoid collisions on the network.
B. It can use coaxial, twisted pair, and fiber optic media.
C. It comprises the largest share of the networks in place today.
D. It is a non-switching protocol.
E. It can negotiate different transmission speeds.

Answer: ABD

QUESTION 75
This question requires that you evaluate the underlined text to determine if it is correct. Plain old telephone service (POTS), most ISDN lines, and switched T1 lines are all examples of Message Switching. Select the correct answer if the underlined text does not make the statement correct. Select 'No change is needed" if the underlined text makes the statement correct.

A. Circuit Switching
B. Packet Switching
C. FDDI Switching
D. No change is needed

Answer: A

QUESTION 76
Hotspot Question
For each of the following statements, select Yes if the statement is true. Otherwise, select No. Each correct selection is worth one point.

Answer Area

|	Yes	No
You use a perimeter network to grant internal clients access to external resources.	○	○
A LAN has no access to the perimeter network.	○	○
A perimeter network typically contains servers that require Internet access, such as web or email servers.	○	○

Answer:

Answer Area

	Yes	No
You use a perimeter network to grant internal clients access to external resources.	○	☑
A LAN has no access to the perimeter network.	○	☑
A perimeter network typically contains servers that require Internet access, such as web or email servers.	☑	○

QUESTION 77
Hotspot Question
You are an intern for Contoso Ltd. Your supervisor asks you to configure the security zones for three new PCs so that they are able to connect to two web servers. The servers connect to the three new PCs as shown in the following image:
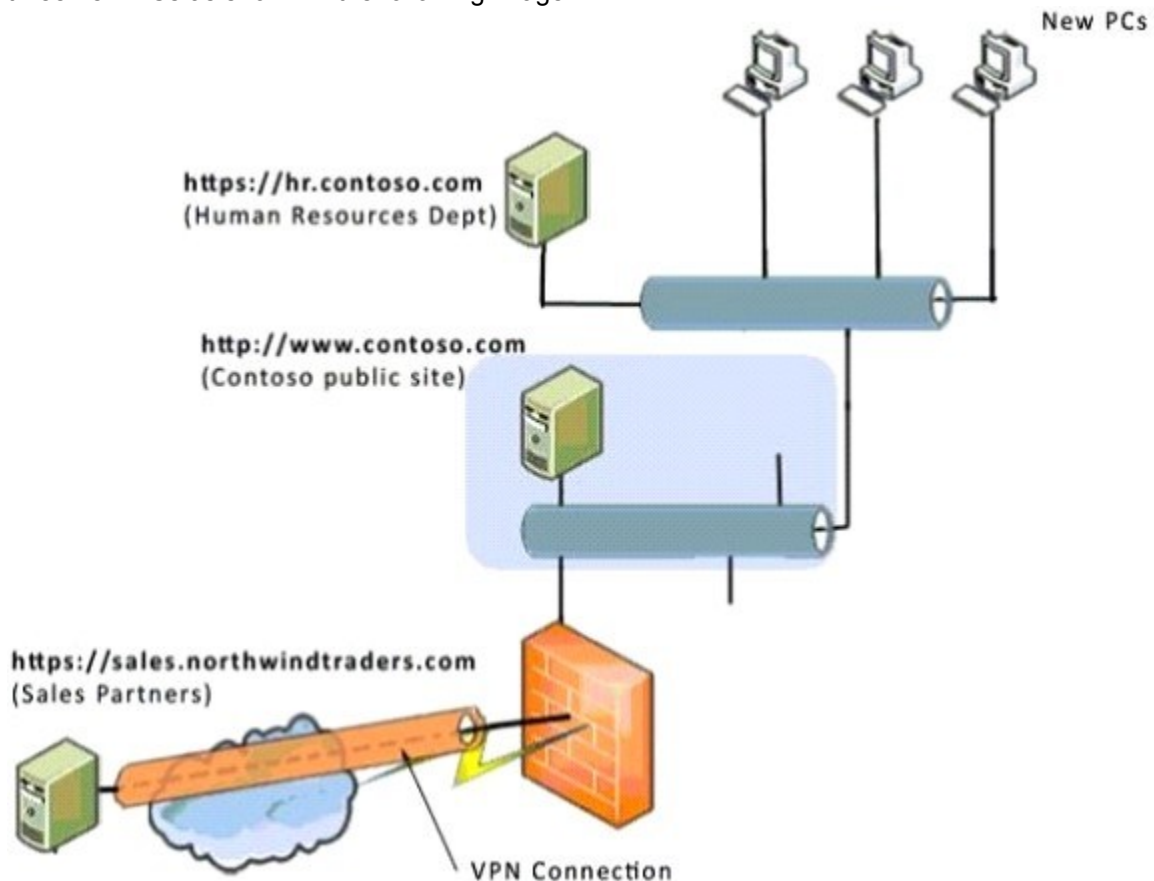
Use the drop-down menus to select the answer choice that completes each statement. Each correct selection is worth one point.

Answer Area

The appropriate type of security zone for
https://sales.northwindtraders.com is
[answer choice]

Restricted Sites.
Local Intranet.
Trusted Sites.

The appropriate type of security zone for
https://hr.contoso.com is **[answer choice]**

Restricted Sites.
Local Intranet.
Trusted Sites.

Answer:

Answer Area

The appropriate type of security zone for
https://sales.northwindtraders.com is
[answer choice]

Restricted Sites.
Local Intranet
Trusted Sites.

The appropriate type of security zone for
https://hr.contoso.com is **[answer choice]**

Restricted Sites.
Local Intranet
Trusted Sites.

QUESTION 78
Your home computer is having problems accessing the Internet. You suspect that your Internet
router's DHCP service is not functioning, so you check your computer's IP address. Which address
indicates that your router's DHCP service is NOT functioning?

A. 169.254.1.15
B. 172.16.1.15
C. 192.168.1.15
D. 10.19.1.15

Answer: B

QUESTION 79
Which of these is a public address space?

A. 192.168.0.0/16
B. 197.16.0.0/12
C. 10.0.0.0/8
D. 172.16.0.0/12

Answer: D

QUESTION 80
This question requires that you evaluate the underlined text to determine if it is correct. In a wireless
network that requires an SSL certificate, WEP handles the SSL certificate. Select the correct
answer if the underlined text does not make the statement correct. Select 'No change is needed" if

the underlined text makes the statement correct.

A. 802.1X
B. WPA2-PSK
C. WPA-PSK
D. No change is needed

Answer: A

QUESTION 81
This question requires that you evaluate the underlined text to determine if it is correct. To set lower security settings in Internet Explorer for an extranet site, add the site's URL to the Local Intranet zone. Select the correct answer if the underlined text does not make the statement correct. Select 'No change is needed" if the underlined text makes the statement correct.

A. Internet
B. Trusted Sites
C. Extranet Sites
D. No change is needed

Answer: B

QUESTION 82
You are helping a friend set up a public-facing web server for a home office. Your friend wants to protect the internal network from intrusion. What should you do?

A. Set the web server in a perimeter network.
B. Set the web server to block access on ports 80 and 443.
C. Configure the firewall to block access on ports 80 and 443.
D. Set the IP address of the web server to be within the LAN.

Answer: A

QUESTION 83
Hotspot Question
For each of the following statements, select Yes if the statement is true. Otherwise, select No. Each correct selection is worth one point.

Answer Area

	Yes	No
A wireless bridge connects Ethernet-based devices to the network.	○	○
A wireless bridge increases the wireless signal strength of the access point.	○	○
Wireless bridges always work in pairs.	○	○

Answer:

Answer Area

	Yes	No
A wireless bridge connects Ethernet-based devices to the network.	☑	○
A wireless bridge increases the wireless signal strength of the access point.	○	☑
Wireless bridges always work in pairs.	☑	○

QUESTION 84
What are two characteristics of the CSMA/CD access method? (Choose two.)

A. It checks to see if a collision has been detected.
B. It does a round robin search for requests to transmit from all nodes on the network.
C. It signals its intent to transmit on the network.
D. It waits until the transmission medium is idle.

Answer: BC

QUESTION 85
What are two characteristics of a mesh network topology? (Choose two.)

A. It is fault tolerant because of redundant connections.
B. Every node connects to every other node on the network.
C. It works best for networks with a large number of nodes.
D. It requires less cabling than either a star or ring topology.

Answer: AC

QUESTION 86
Which protocol is responsible for automatically assigning IP addresses?

A. HTTP
B. DHCP
C. DNS
D. WINS

Answer: A

QUESTION 87
This question requires that you evaluate the underlined text to determine if it is correct. According to the OSI model, encryption takes place on the transport layer. Select the correct answer if the underlined text does not make the statement correct. Select 'No change is needed" if the underlined text makes the statement correct.

A. Presentation
B. Network
C. Application
D. No change is needed

Answer: A

QUESTION 88
Hotspot Question
For each of the following statements, select Yes if the statement is true. Otherwise, select No. Each correct selection is worth one point.

Answer Area

	Yes	No
An IPv4 address consists of 64 bits.	○	○
It is standard practice to divide the binary bits of an IPv4 address into 8-bit fields named octets.	○	○
The value of any IPv4 octet can be from 0 to 256.	○	○

Answer:
Answer Area

	Yes	No
An IPv4 address consists of 64 bits.	○	☑
It is standard practice to divide the binary bits of an IPv4 address into 8-bit fields named octets.	☑	○
The value of any IPv4 octet can be from 0 to 256.	○	☑

QUESTION 89
This question requires that you evaluate the underlined text to determine if it is correct. IPSec policies for two machines on a LAN can be modified by using the IPSec policy snap-in on Windows 7. Select the correct answer if the underlined text does not make the statement correct. Select 'No change is needed" if the underlined text makes the statement correct.

A. Windows Firewall with Advanced Security snap-in

B. LAN adapter properties
C. Remote Access snap-in
D. No change is needed

Answer: A

QUESTION 90
This question requires that you evaluate the underlined text to determine if it is correct. An Address Resolution Protocol (ARP) table is used to associate IP addresses with host names. Select the correct answer if the underlined text does not make the statement correct. Select 'No change is needed" if the underlined text makes the statement correct.

A. MAC addresses
B. HomeGroup membership
C. Preferred routers
D. No change is needed

Answer: A

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