Domain 3 - Network Devices (17 questions) 41-57
Brought to you by www.RMRoberts.com.

41. Which device is commonly used issues IPv4 addresses on an enterprise network system?

A. Network switch
B. DHCP server
C. Proxy server
D. DNS server

42. What is an example of a media converter application for networking?

A. Provide switching between dissimilar subnets
B. Connect two network sections that use different network cable types
C. To change MPEG2 to MPEG3 media formats
D. To change a duplex multimedia presentation format to a simplex format

43. Which network device is responsible for matching IP addresses to host names?

A. DHCP Server
B. DNS Server
C. WAP
D. CSU/DSU

44. Which device is designed primarily to act as an intermediary between network clients and servers on the Internet?

A. DHCP Server
B. Proxy Server
C. IDS/IPS unit
D. CSU/DSU

45. Which layer of the OSI model does a CSU/DSU unit function match?

A. Physical
B. Network
C. Application
D. Transport

46. What is another name for a switch?

A. Intelligent hub
B. Content unit
C. Bridge server
D. Multiport bridge

47. A technician wants to extend a wireless network by adding an additional WAP. What must the technician do to insure that both WAPs provide access to the same wireless network seamlessly?

A. Both WAPs must be configured with the same MAC address.
B. Both WAPs must use the same IPv6 address.
C. Both WAPs must be configured with the same SSID.
D. You cannot configure two WPAs for the same wireless network.

48. Which wireless encryption is considered the least secure?

A. WPA
B. WPA-2
C. WEP
D. WPA, WPA-2 and WEP are considered equal levels of security.

49. A hub functions at what layer of the OSI model?

A. Physical
B. Network
C. Transport
D. Session

50. Which device uses the devices assigned IPv4 address to route packets?

A. Repeater
B. Router
C. Hub
D. Bridge

51. Which network device is used only to regenerate a network signal?
A. Router
B. Switch
C. Repeater
D. Brouter

52. Which is the main function of a proxy as networking service or device?

A. Serve as an intermediary between network clients
B. Increase network bandwidth between clients
C. Provide necessary logon rule enforcement
D. Authentication of network users

53. You are installing a web cam at a remote location to monitor physical security at a building entrance. There is no 120 VAC outlet available at the location. Which type of web cam would you use for this type of location?

A. BoE
B. RoE
C. PoE
D. WoE

54. Which type of device is used to support communications between two different protocols?

A. Hub
B. Switch
C. WAP
D. Gateway

55. Which two devices are designed to route packets based upon IPv4 addresses? (Select two.)

A. Router
B. Gateway
C. Hub
D. Bridge

56. Which device is used most often used to create a VLAN?

A. Hub
B. Bridge
C. Switch
D. Brouter

57. What is the main Purpose of port mirroring?

A. To provide higher bandwidth
B. To prevent closed loops
C. To monitor port activity
D. To provide authentication services

Correct Answers

41. Which device is commonly used issues IPv4 addresses on an enterprise network system?   B. DHCP server

42. What is an example of a media converter application for networking?
B. Connect two network sections that use different network cable types

43. Which network device is responsible for matching IP addresses to host names?   B. DNS Server

44. Which device is designed primarily to act as an intermediary between network clients and servers on the web?   B. Proxy Server

45. Which layer of the OSI model does a CSU/DSU unit function match?
A. Physical

46. What is another name for a switch?   D. Multiport bridge

47. A technician wants to extend a wireless network by adding an additional WAP. What must the technician do to insure that both WAPs provide access to the same wireless network seamlessly? C. Both WAPs must be configured with the same SSID

48. Which wireless encryption is considered the least secure?   C. WEP

49. A hub functions at what layer of the OSI model?   A. Physical

50. Which device uses the devices assigned IPv4 address to route packets?
B. Router

51. Which network device is used only to regenerate a network signal?
C. Repeater

52. Which is the main function of a proxy as networking service or device?
A. Serve as an intermediary between network clients

53. You are installing a web cam at a remote location to monitor physical security at a building entrance. There is no 120 VAC outlet available at the location. Which type of web cam would you use for this type of location?   C. PoE

54. Which type of device is used to support communications between two different protocols?   D. Gateway

55. Which two devices are designed to route packets based upon IPv4 addresses? (Select two.)
A. Router
B. Gateway

56. Which device is used most often used to create a VLAN?   C. Switch

57. What is the main function of port mirroring?   C. To monitor port activity