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NORTH AMERICAN UNIVERSITY
INSPIRATION   INNOVATION   GLOBAL COMPETENCE

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State	Finished
Completed on	Thursday, 8 September 2016, 12:49 PM
Time taken	18 mins 52 secs
Grade	**90.00** out of 100.00

Question 1   Complete   Mark 5.00 out of 5.00

What command below can be used to display a complete summary of all network interfaces in a Windows computer?

Select one:

- a. `ipconfig /all`
- b. `ipconfig /show`
- c. `ipconfig /a`
- d. `ipconfig /list`

Question 2   Complete   Mark 5.00 out of 5.00

What do the first 24 bits of a MAC address represent?

Select one:

- ⦿ a. Organizationally Unique Identifier
- ○ b. extension ID
- ○ c. network ID
- ○ d. device ID

Question 3   Complete   Mark 5.00 out of 5.00

What two types of IP addresses are used on the Internet?

Select one or more:

- ☑ a. IPv6
- ☐ b. IPng
- ☐ c. IPX
- ☑ d. IPv4

Question 4   Complete   Mark 5.00 out of 5.00

What command on Linux will display TCP/IP information associated with every interface on the device?

Select one:

- ○ a. ipconfig /all
- ○ b. ipconfig -a
- ○ c. ifconfig /all
- ⦿ d. ifconfig -a

Question 5   Complete   Mark 5.00 out of 5.00

What RFC outlines recommendations for private IP addresses?

Select one:

- ⦿ a. RFC 1918
- ○ b. RFC 2332
- ○ c. RFC 1900
- ○ d. RFC 638

Question 6   Complete   Mark 0.00 out of 5.00

Each organization that provides host services on the public Internet is responsible for providing and maintaining DNS authoritative servers for public access.

Select one:

- ○ True
- ⦿ False

Question 7   Complete   Mark 5.00 out of 5.00

In Linux systems, what file contains the settings for the DHCP service?

Select one:

- ○ a. dhcp.ini
- ⦿ b. dhcpd.conf
- ○ c. dhcpd.cfg
- ○ d. dhcp.cf

Question 8   Complete   Mark 5.00 out of 5.00

What range of ports is referred to as the "well-known" range of ports?

Select one:

- ⦿ a. 0-1023
- ○ b. 500 - 1024
- ○ c. 49152-65535
- ○ d. 1024-49151

Question 9   Complete   Mark 5.00 out of 5.00

An IPv6 address consists of how many bits?

Select one:

- ○ a. 48
- ○ b. 96
- ◉ c. 128
- ○ d. 32

Question 10   Complete   Mark 5.00 out of 5.00

Which protocol below is used to make an initial connection between hosts for transferring multimedia data, relying on other protocols once a connection is established?

Select one:

- ○ a. SMB
- ○ b. H.323
- ◉ c. SIP
- ○ d. NTP

Question 11   Complete   Mark 5.00 out of 5.00

A port number, which identifies an application on a host, exists at what level of the OSI model?

Select one:

○ a. Application

○ b. Data link

◉ c. Transport

○ d. Network

Question 12   Complete   Mark 5.00 out of 5.00

What utility is used to verify that TCP/IP installed, bound to the NIC, configured correctly, and communicating with the network?

Select one:

○ a. `ifconfig`

○ b. `route`

○ c. `traceroute`

◉ d. `ping`

Question 13   Complete   Mark 0.00 out of 5.00

ICANN is responsible for restrictions on use of the .com, .org, and .net TLDs.

Select one:

◉ True

○ False

Question 14   Complete   Mark 5.00 out of 5.00

When two IPv6 nodes are on the same network, they are referred to as which of the following?

Select one:

- ○ a. friends
- ○ b. collaborators
- ⦿ c. neighbors
- ○ d. adjacent

Question 15   Complete   Mark 5.00 out of 5.00

What two names are used to describe the configuration in which internal and external DNS queries are handled by different DNS servers or by a single DNS server that is specially configured to keep internal and external DNS zones separate?

Select one or more:

- ☐ a. DMZ DNS
- ☐ b. walled-DNS
- ☑ c. split DNS
- ☑ d. split-horizon DNS

Question 16   Complete   Mark 5.00 out of 5.00

What protocol is commonly used to request configuration files from another computer?

Select one:

○ a. SMB

○ b. SIP

○ c. SNMP

◉ d. TFTP

Question 17   Complete   Mark 5.00 out of 5.00

What top level domain is used for the air-transport industry?

Select one:

○ a. .intl

○ b. .tport

◉ c. .aero

○ d. .air

Question 18 Complete Mark 5.00 out of 5.00

How many clusters of root servers exist?

Select one:

- ○ a. 8
- ⦿ b. 13
- ○ c. 15
- ○ d. 10

Question 19 Complete Mark 5.00 out of 5.00

A hexadecimal number is a number written in the base 16 number system.

Select one:

- ⦿ True
- ○ False

Question 20 Complete Mark 5.00 out of 5.00

The Network Time Protocol service uses what port number?

Select one:

- ○ a. TCP 123
- ○ b. UDP 90
- ⦿ c. UDP 123
- ○ d. TCP 89