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Chapter 2

Part 1 of 1 -

8.0/ 19.0 Points

Question 1 of 20

0.0/ 1.0 Points

The following are popular domain suffix

- ☐ A. COM
EDU
GOV
- ☐ B. NET
COP
BIZ
- ☒ C. A and B
- ☐ D. None of the above

**Answer Key:** A

Question 2 of 20

1.0/ 1.0 Points

DNS is a Physical layer client-server system of computers and databases.

- ☒ A. True
- ☐ B. False

Answer Key: False

Question 3 of 20

0.0/ 1.0 Points

 Windows is a DNS client that requests information from DNS name servers**Answer Key:** Resolvers

Question 4 of 20

0.0/ 1.0 Points

 Dns hold databases, which are organized in a hierarchical structure**Answer Key:** Name servers

Question 5 of 20

0.0/ 1.0 Points

The term for software whose code is publicly available for use and modification is  Opensource**Answer Key:** Open source

Question 6 of 20

0.0/ 1.0 Points

The 32-bit address can be any number from 1 to 255

-  ☒ A. True
- ☐ B. False

Answer Key: False

Question 7 of 20

0.0/ 1.0 Points

There are five classes in IPv4 addresses

-  ☐ A. True
- ☒ B. False

Answer Key: True

Question 8 of 20

1.0/ 1.0 Points

An IPv6 address has 128 bits written as eight blocks of hexadecimal numbers separated by semicolons

- ☒ A. True
- ☐ B. False

Answer Key: False

Question 9 of 20

1.0/ 1.0 Points

There are four types of IP addresses namely; Broadcasting, Multicasting, Unicasting and  Anycasting

Answer Key: Anycasting

Feedback: Anycasting

Question 10 of 20

0.0/ 1.0 Points

There are three tunneling protocols; ISATAP,  6 to 4 and Teredo

Answer Key: 6to4

Question 11 of 20

0.0/ 1.0 Points

Mention the protocol used by the echo request/reply to carry error messages and information about the network (use an acronym).  Ping .

Answer Key: ICMP

Question 12 of 20

1.0/ 1.0 Points

IPv4 networks use a version of ICMP called ICMPv6

-  ☐ A. True
☒ B. False

Answer Key: False

Question 13 of 20

0.0/ 0.0 Points

Linux computers running IPv6, use ping6 to verify whether an IPv6 host is available.

-  ☒ A. True
☐ B. False

Answer Key: True

Question 14 of 20

1.0/ 1.0 Points

Windows computers, use ping with the -6 switch to verify connectivity on IPv6 networks

-  ☒ A. True
☐ B. False

Answer Key: True

Question 15 of 20

0.0/ 1.0 Points

_____ utility to view and manage TCP/IP settings

-  ☐ A. ifconfig
☐ B. ipconfig
☒ C. A and B
☐ D. None of the Above

Answer Key: A

Question 16 of 20

1.0/ 1.0 Points

What is the function of nslookup?

- ☐ A. Enables one to query the DNS database from any computer on a network
☐ B. It allows one to find the host name of a device by specifying its IP address
☐ C. Useful for verifying a host is configured correctly or for troubleshooting DNS resolution problems
 ☒ D. All of the Above

Answer Key: D

Question 17 of 20

0.0/ 1.0 Points

To view IP configuration information, one can use the ifconfig command

-  ☒ A. True
☐ B. False

Answer Key: False

Question 18 of 20

1.0/ 1.0 Points

If blocks in an IPv6 address contain all zeroes, they can be written as double colons (::).

- ✓ ☒ A. True
☐ B. False

Answer Key: True

Question 19 of 20

1.0/ 1.0 Points

There are two variations of NAT, namely ✓ Snat and ✓ Dnat

Answer Key: SNAT, DNAT

Question 20 of 20

0.0/ 1.0 Points

What is the process where a gateway device substitutes the private IP addresses with its own public address? ✗ Nat .

Answer Key: Address translation

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myUnisa - myUnisa - Sakai 10.5 (Kernel 10.5) - Server lmk-mtc21pv.int.unisa.ac.za

Server Time: **Wed, 09 May 2018 08:28:42 SAST**