

TS12 - Pre-Instructional Survey

Name _____ Date _____

1. The major difference between connection-less and connection-oriented networks is:
 - a) You only need a destination address for connection-oriented networks
 - b) One treats individual messages as complete transactions while the other provides an on-going message-exchange connectivity
 - c) Connection-oriented networks are slower
 - d) There is no difference

2. Which protocol is not part of the TCP/IP suite?
 - a) UDP
 - b) ARP
 - c) IEEE 802.3
 - d) ICMP

3. The basic function of MS Active Directory is as a:
 - a) Database for storing settings, patches and policies
 - b) To provide IP address lookup services
 - c) As a file directory server
 - d) To provide users with directions

4. UDP and TCP differ because:
 - a) TCP is classed as a reliable transport protocol and UDP is not.
 - b) TCP is classed as a Transport Layer protocol and UDP is not.
 - c) They are the same protocol with different names
 - d) UDP is only used in UNIX environments

5. The fundamental markup language used to build a web sites is:
 - a) HTML
 - b) HTTP
 - c) Java
 - d) C++

6. The TRACERT command will:
 - a) Allow you to trace Ethernet cabling
 - b) Trace the path a message take across the Internet
 - c) Detects hackers attempting to attack a web site.
 - d) Measures voltage levels on cables.

7. NetBIOS is a:
 - a) Protocol
 - b) A Software API that provides applications with network services
 - c) The basic input/output function library
 - d) The lowest layer of the TCP/IP stack

8. One of the most common software vulnerabilities is:
 - a) Lack of input validity checking
 - b) Use of string move/copy commands
 - c) Lack of buffer bounds checking
 - d) All of the above

9. IPsec differs from SSL in that:
 - a) It supports better encryption
 - b) It is implemented at the Transport layer
 - c) Uses a Master/slave scheme
 - d) SSL requires applications to be modified

10. Public Key Encryption solves which basic problem:
 - a) The cost of digital certificates
 - b) Strong encryption algorithms
 - c) Secure distribution of keys on insecure channels
 - d) Weak keys

11. IP version 6 included which of the following new features?
 - a) Expanded IP addressing using 128 bits
 - b) Ability to specify high-priority traffic
 - c) Ability to have security functions like message encryption
 - d) All of the above

12. Hardening of a computer includes:

- a) Eliminating guest accounts
- b) Opening all available ports
- c) Installing lots of applications
- d) All of the above

TS12 – Pre-Instructional Survey Answer Sheet

1. b
2. c
3. a
4. a
5. a

6. b
7. b
8. d
9. d
10. c
11. d
12. a