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
1. b
2. c
3. a
4. a
5. a
6. b
7. b
8. d
9. d
10. c
11. d
12. a