

Name: _____ Date: _____

Quiz 3: DNS, ICS, Subnetting, Security Policies, Predefined Groups and Adding Administrators to a Windows 2003 Server

1. The binary number 11010010 equals
a. 208 b. 212 c. 210 d. 4
2. Circle the name of two Network Interface Cards (NICs) that a senior IT manager would find acceptable on our server. (circle 2)
a. WAN b. LAN c. NIC1 d. NIC2
3. What IP address must be free to establish Internet Connection Sharing on a Windows 2003 Server?
a. 255.255.255.0 b. 198.168.1.0 c. 168.192.1.0 d. 192.168.0.1
4. When we set up a DNS server, we use custom configuration with the Configure the Server Wizard. What three servers are set up with the typical configuration? (circle 3)
a. DNS b. DHCP c. Active Directory d. FTP
5. We can use this TCP/IP utility to test the connectivity from the server to the client and the connectivity from the server the router.
a. NSLOOKUP b. IPCONFIG c. PING d. TRACERT
6. IP address is typically assigned to what network device? (circle 2)
a. Router b. Switch c. Hub d. Server
7. The class B subnet mask 130.252.0.0 has ____ subnets.
a. 64 b. 128 c. 256 d. 32
8. Your IP address in your business is 202.10.10.1. What is the maximum number of devices we can have on this network?
a. 258 b. 256 c. 254 d. 252
9. We are setting up the network connection on the client computer connecting to a server using ICS. What IP addresses are used on the client's NIC? (circle all that are correct)
a. DNS IP address b. Gateway IP address c. Subnet mask d. IP address
10. The maximum number of passwords that the Enforce password history attribute can remember is
a. 999 b. 40 c. 28 d. 24
11. What two free DNS IP addresses are free from Google.com? (circle 2)
a. 8.8.4.4 b. 8.8.0.0 c. 8.8.8.4 d. 8.8.8.8
12. What two lookup zones are in the DNS Management Console? (circle 2)
a. Frontal b. Forward c. Repeat d. Reverse

Network Administration Quiz 3

13. Write the first two subnets of the Class C network 196.48.5.0 with the subnet mask 255.255.255.192

| Subnet Mask | No. of Subnets | Number of Hosts | Network Address | Usable IP Range | Broadcast Address |
|-----------------|----------------|-----------------|-----------------|-----------------|-------------------|
| 255.255.255.192 | | | | | |
| | | | | | |

14. The computer specialist is making a cable with one end having wht-grn, grn, wht-org, blu, wht-blu, org, wht-brn, brn for the cable lap linking the client to a server without using a switch. Is the color combination correct?

- a. Yes
- b. No

15. What Windows function can block the connection between the client and server when users try to utilize server functions such as Active Directory and ICS connections?

- a. Office 2010 software
- b. Windows Firewall
- c. FTP Protocol
- d. DHCP Setup

16. The IT manager at Warner Investments asks that our server uses smart passwords. She logons onto the system to check our work and is able to use the password A1B2c7_d. The passphrase a smart password, because

- a. It has a capital A and a lower case c
- b. It has 3 out of 4 types of characters, capital and lower case letters, numbers and special characters
- c. It has two out of 4 types of characters, capital letters, lower case letters, numbers and underline
- d. It is tricky to remember

17. On a business network using static IP addresses, the Domain Name Service forwarders will be the ISP's (circle 2)

- a. Secondary DNS address
- b. Subnet mask
- c. Primary DNS address
- d. Gateway address

18. What message color in the Event Viewer must be addressed as soon as possible?

- a. Green
- b. Yellow
- c. Purple
- d. Red

19. Before setting up the DNS server, we use the _____ to verify our IP address scheme, network diagram and equipment.

- a. DNS Checklist
- b. Instructor IP
- c. System monitor
- d. DNS monitor

20. What DNS Properties tab will show the IP addresses of the Internet and Intranet NICs?

- a. Monitoring
- b. Root Hints
- c. Forwarders
- d. Interfaces

21. What DNS setup will identify computers on the internal network?

- a. Forward lookup
- b. B Host record
- c. SX Host record
- d. A Host record

22. The first octet range of a class A, B and C network are:

- A _____
- B _____
- C _____

23. What octet is reserved for network administrators?

- a. 1
- b. 128
- c. 131
- d. 127

Network Administration Quiz 3

24. A _____ server will be placed in line with the path to the Internet in a LAN and will distribute traffic to the clients. Anyone external to the LAN will only see the server's IP address.
- a. DNS b. File c. WINS d. NAT

25. What password policy prevents the user from toggling password?

26. Michael Taylor is going on vacation to Arizona for a month this May. On his first day of vacation, we will check what box in the properties window?

27. What predefined Windows group allows Managers to setup software for client computers in their departments?

28. We need to build a small LAN that has an external network address of 198.168.10. Our internal network address is 192.168.0. Fill in the correct information for the Ext NIC card, Int NIC card and the NIC card for Computer1.

