

Name: _____ Date: _____

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

- Home networks often use dynamic IP addressing supplied from their ISP. A fully qualified DNS name such as www.business.homeunix.net can be obtained for free from
 - Microsoft.com
 - Google.com
 - dyndns.org
 - bigdns.com
- The binary number 11100000 equals
 - 224
 - 225
 - 7
 - 248
- Circle the name of two Network Interface Cards (NICs) that a senior IT manager would find acceptable on our server. (circle 2)
 - NIC1
 - Internet
 - Intranet
 - NIC2
- What IP address must be free to establish Internet Connection Sharing on a Windows 2003 Server?
 - 255.255.255.0
 - 198.168.1.0
 - 168.192.1.0
 - 192.168.0.1
- Since most of the smaller local area networks and home networks use the 192.168.0 network address. IT managers will want to use the default IP address 192.168.0 for their business networks that can eventually run VPN connections.
 - True
 - False
- 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)
 - DNS
 - DHCP
 - Active Directory
 - FTP
- This TCP/IP utility is able to check the connection to the DNS server?
 - NSLOOKUP
 - IPCONFIG
 - PING
 - TRACERT
- IP address is typically assigned to what network device? (circle 2)
 - Router
 - Switch
 - Hub
 - Server
- The class A subnet mask 255.240.0.0 has ____ subnets.
 - 240
 - 16
 - 32
 - 40
- Your IP address in your business is 202.10.10.1. What is the maximum number of devices we can have on this network?
 - 258
 - 256
 - 254
 - 252
- 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)
 - DNS IP address
 - Gateway IP address
 - Subnet mask
 - IP address

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12. The maximum number of passwords that the Enforce password history attribute can remember is
 a. 999 b. 40 c. 28 d. 24

13. The zone name on a DNS server is the
 a. Domain name b. FTP address c. External NIC name d. Internal NIC name

14. Write the first two subnets of the Class C network 198.50.10.0 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					

15. 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

16. 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

17. What two lookup zones are in the DNS Management Console? (circle 2)
 a. Frontal b. Forward c. Repeat d. Reverse

18. 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

19. What is the minimum RAM on a Windows 2003 Standard server?
 a. 256 MHz b. 1 GByte c. 256 MByte d. 128 MByte

20. The IT manager at Nationwide Insurance 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. Is the passphrase a smart password?
 a. Yes b. No

21. 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

22. What message color in the Event Viewer must be addressed as soon as possible?
 a. Green b. Yellow c. Purple d. Red

23. 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