

Name: \_\_\_\_\_ Date: \_\_\_\_\_

**Quiz 2: Loading the NOS, Setting Up and Subnetting a Windows 2003 Server**

1. The maximum number of devices in a class C network is  
 a. 16777214                      b. 65534                      c. 254                      d. 32768
2. The binary number 10111110 equals  
 a. 6                      b. 190                      c. 198                      d. 182
3. What binary number is 18  
 a. 00100001                      b. 00001010                      c. 00010010                      d. 00001100
4. In the class A subnetting scheme, we have 255 in the first octet for the class A mask and 128 in the second octet to tell we have \_\_\_\_ subnets.  
 a. 1                      b. 2                      c. 4                      d. 8
5. Write the four subnets of the Class B network 130.20.0.0 with the subnet mask 255.255.192.0

Subnet Mask	No. of Subnets	Number of Hosts	Network Address	Usable IP Range	Broadcast Address
255.255.192.0					

6. This RAID setup requires a minimum of 3 hard drives for data is written to all three drives and is nearly imperishable when coming to data loss.  
 a. RAID 0                      b. RAID 1                      c. RAID 8                      d. RAID 5
7. How many processors will Windows 2003 Enterprise server support?  
 a. 64                      b. 16                      c. 4                      d. 8
8. After loading a Windows Service Pack, we should load \_\_\_\_\_  
 a. Windows drivers                      b. Application Input                      c. Windows Users                      d. Windows Updates
9. The Network Configuration Operator is able to use what TCP utility to reset computer IP addresses?  
 a. PING                      b. IPCONFIG                      c. TRACERT                      d. NSLOOKUP
10. The class A subnet mask 255.240.0.0 has \_\_\_\_ subnets.  
 a. 240                      b. 16                      c. 32                      d. 40

Network Administration Quiz 2b

11. Your IP address in your business is 202.10.8.1. What is the maximum number of devices we can have on this network?  
a. 258                      b. 256                      c. 254                      d. 252

12. Your driver is not found on the manufacturer web site and you cannot find a working driver anywhere on the web. What do you do?

13. Eventually you wish to mirror the information from the first disk on the server. How many hard drives do we need for the RAID 1 setup?  
a. 2                      b. 3                      c. 4                      d. 5

14. What is the default network IP address used by the industry?  
a. 10.2.1                      b. 198.168.0                      c. 192.168.0                      d. 192.166.10

15. Your IP address in your business is 192.168.10.1 with a subnet mask 255.255.255.128. What is the maximum number of devices we can have on this subnet?  
a. 254                      b. 256                      c. 128                      d. 126

16. The first octet of a class B network can be  
a. 10                      b. 192                      c. 128                      d. 255

17. The computer specialist is making a lap link cable with one end having grn, wht-grn, wht-org, blu, wht-blu, org, brn, wht-brn for the cable linking the client to a server without using a switch. What color is out of order? (circle 2)  
a. blu                      b. brn                      c. grn                      d. red

18. When purchasing and setting up a new router or computer, these devices automatically release or obtain an IP address. The default TCP/IP setup for these devices is using what TCP/IP protocol?  
a. Static IP                      b. Set IP                      c. DHCP                      d. Subnet Mask IP

19. What binary number is 45

20. There are \_\_\_\_\_ bits in a TCP/IPv4 address.  
a. 24                      b. 32                      c. 36                      d. 40

21. What two releases of Windows 2003 server will not support clustering?  
a. Web                      b. Standard                      c. Enterprise                      d. Datacenter

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