

Network Entrance Exam

Name: _____ Company: _____

1. This wireless standard is widely used to connect computers to each other and the Internet.
 - a. 802.11
 - b. RJ45
 - c. Blueband
 - d. Broadband
2. Most web-enabled devices follow a standard known as:
 - a. FireWire
 - b. Buletooth
 - c. TCP/IP
 - d. Wi-Fi
3. Which of the following connection methods would not be used to connect devices between two different offices?
 - a. Twisted pairs
 - b. Fiber-optics
 - c. Coaxial cables
 - d. Infrared
4. What is the maximum cable length allowed for a 100BASE-TX unshielded, twisted-pair (UTP) Ethernet?
 - a. 100 Meters (328 feet)
 - b. 200 Meters (656 feet)
 - c. 50 Meters (164 feet)
 - d. 150 Meters (492 feet)
5. The rules for exchanging data between computers are called
 - a. Interconnections
 - b. Synchronous packages
 - c. Protocols
 - d. Data transmission synchronization
6. Each computer on the Internet has a unique numeric address called a(n):
 - a. Domain address
 - b. Protocol address
 - c. IP address
 - d. Web address
7. _____ is the process of breaking down information sent or transmitted across the Internet into small parts called packets.
 - a. Protocol
 - b. Bandwidth
 - c. Fragmenting
 - d. Identification

Network Entrance Exam

Name: _____ Company: _____

8. Two or more computers connected so they can communicate with each other and share information is called a:
 - a. Satellite
 - b. Protocol
 - c. Broadcast
 - d. Network
9. Any device that is connected to a network is called a:
 - a. Client
 - b. Node
 - c. Server
 - d. Manager
10. Internet is a(n)
 - a. Local computer network
 - b. World wide network of computers
 - c. Interconnected network of computers
 - d. World wide interconnected network of computers which uses common protocol to communicate with each other
11. The term intranet means a:
 - a. LAN of an organization
 - b. Wide Area Network connecting all branches of an organization
 - c. Corporate computer network
 - d. Network connecting all computers of an organization and using the internet protocol
12. By an extra net we mean:
 - a. Extra fast computer network
 - b. The intranets of two co-operating organizations interconnected via a secure leased line or VPN
 - c. Extra network used by an organization for higher reliability
 - d. Extra connection to internet provided to co-operating organization
13. A network device that provides physical connection between the networking medium and the computers' internal bus is:
 - a. Repeaters
 - b. NIC
 - c. Hubs
 - d. Bridge
14. What is the "default gateway" in my IP config?
 - a. The device that handles all traffic to and from your local area network
 - b. The protocol that determines where the traffic is routed by the NAT table
 - c. The networking device that translated the outside IP address in a network
 - d. A device for connecting multiple twisted pair of fiber optic Ethernet devices together and thus making them act as a single network segment

Network Entrance Exam

Name: _____ Company: _____

15. What is the Subnet mask?
 - a. A route table that limits the layer that a packet can access inside a network
 - b. An IP address of a subsection (subnet) of a network
 - c. A filter that removes spam from packets of data in a network
 - d. A menu driven application configuration tool for sub-networks
16. What is the DHCP Server?
 - a. Another name for a hub
 - b. A network device that assigns IP addresses inside a network
 - c. A mac address filter that specifies the time that a NIC will try to negotiate a connection speed before resetting the port
 - d. The device that filters content for web browsers on a network
17. How do you open the command prompt?
 - a. Click Start, All Programs, select Start Up from the menu
 - b. Click Start, Run, type 'cmd' in the box and click OK
 - c. Click Start, Control Panel, select Performance and Maintenance from the menu
 - d. Click Start, Search, then select All Files and Folders from the menu
18. How do you find the IP address of your connection on the computer you are on?
 - a. Go to start/run type 'java-version'
 - b. Go to start/run type 'cmd' then 'ipconfig'
 - c. Go to start/run type 'services.msc'
 - d. Go to start/run type 'shutdown'
19. How do you find out what ports are open on your system?
 - a. From a cmd prompt type 'services.msc'
 - b. From a cmd prompt type 'shutdown'
 - c. From a cmd prompt type 'ipconfig'
 - d. From a cmd prompt type 'netstat'
20. What software application would you use to monitor the network traffic on a network?
 - a. Word processor
 - b. Graphics processor
 - c. Spreadsheet program
 - d. Packet capture program