

***Technology In Action, Complete, 14e (Evans et al.)***  
**Chapter 7 Networking: Connecting Computing Devices**

- 1) A computer \_\_\_\_\_ is two or more computers connected using software and hardware so that they can communicate with each other.
  - A) network
  - B) switch
  - C) broadband
  - D) node
  
- 2) A \_\_\_\_\_ is any device connected to a network such as a computer, printer, or game console.
  - A) packet
  - B) node
  - C) NOS
  - D) NIC
  
- 3) \_\_\_\_\_ is the actual speed of data transfer that is achieved between two nodes on a network and is always less than or equal to the data transfer rate.
  - A) Benchmark
  - B) Broadband
  - C) Bandwidth
  - D) Throughput
  
- 4) Some of the responsibilities of \_\_\_\_\_ are installing new hardware and software on the network and monitoring performance.
  - A) programmer analysts
  - B) IT managers
  - C) computer technicians
  - D) network administrators
  
- 5) Which of the following is NOT a common network architecture type?
  - A) Local area network (LAN)
  - B) Home area network (HAN)
  - C) Intraoffice area network (IAN)
  - D) Personal area network (PAN)
  
- 6) You can find out which network adapters are installed in your system by using the Windows \_\_\_\_\_ Manager utility.
  - A) Network
  - B) Device
  - C) Setup
  - D) Hardware

- 7) When setting up a home network, make sure each node has \_\_\_\_\_.
- A) a NOS installed
  - B) the proper software installed on each node
  - C) a network adapter
  - D) the proper security protocols in place
- 8) The network architecture that spans the largest physical distance is called a \_\_\_\_\_.
- A) MAN
  - B) LAN
  - C) PAN
  - D) WAN
- 9) A large network designed to provide access to a specific geographic area, such as a large city, is a \_\_\_\_\_.
- A) MAN
  - B) PAN
  - C) LAN
  - D) WAN
- 10) Which transmission medium transmits data the fastest?
- A) Twisted-pair cable
  - B) Coaxial cable
  - C) Wireless
  - D) Fiber-optic cable
- 11) What transmission media is used for normal telephone service?
- A) Fiber-optic cable
  - B) Twisted-pair cable
  - C) Coaxial cable
  - D) Ethernet cable
- 12) A client/server network is an example of \_\_\_\_\_ administration.
- A) local
  - B) wide area
  - C) central
  - D) remote
- 13) A peer-to-peer (P2P) network is an example of \_\_\_\_\_ administration.
- A) local
  - B) wide area
  - C) central
  - D) corporate

- 14) Which of the following is NOT a standard for wireless Ethernet networks?
- A) 802.11n
  - B) 802.11g
  - C) 802.11ab
  - D) 802.11ac
- 15) Which of the following is NOT a type of cable used in wired networks?
- A) Unshielded twisted-pair
  - B) Coaxial
  - C) Fiber-optic
  - D) Unshielded coaxial
- 16) Which of the following is NOT a type of UTP cable you would use in a wired Ethernet network?
- A) Cat 5E
  - B) Cat 6
  - C) Cat 6A
  - D) Cat 7B
- 17) If you are going to attach more than 15 devices to your wireless network, you should make sure your router supports which standard?
- A) 802.11bc
  - B) 802.11n
  - C) 802.11ac
  - D) 802.3ac
- 18) Wireless network devices use \_\_\_\_\_ to communicate with each other.
- A) fiber optics
  - B) satellites
  - C) radio waves
  - D) DSL
- 19) For the nodes on a network to communicate with each other and access the network, each node needs a \_\_\_\_\_.
- A) DSL modem
  - B) network adapter
  - C) hub
  - D) router
- 20) On a network, a(n) \_\_\_\_\_ helps prevent data packets from colliding with each other.
- A) access point
  - B) hub
  - C) adapter
  - D) switch

- 21) Which hardware device connects your network to the Internet?  
A) Modem  
B) Router  
C) Firewall  
D) Switch
- 22) To transfer data packets between two or more networks, a \_\_\_\_\_ is used.  
A) router  
B) hub  
C) modem  
D) switch
- 23) Data are sent through a network in bundles called \_\_\_\_\_.  
A) packages  
B) pouches  
C) packets  
D) nodes
- 24) All of the following is NOT a home operating systems that supports P2P networking?  
A) Windows  
B) macOS  
C) Unix  
D) Linux
- 25) Client/server networks are controlled by a central server that runs specialized software called a(n) \_\_\_\_\_.  
A) multipersonnel operating system (MPOS)  
B) network operating system (NOS)  
C) central operating system (COS)  
D) central server operating system (CCOS)
- 26) Which of the following is NOT a wired broadband Internet connection option?  
A) Cable  
B) Dial-up  
C) DSL  
D) Fiber-optic
- 27) A(n) \_\_\_\_\_ device facilitates file sharing and data backup.  
A) NAS  
B) WAN  
C) UTP  
D) NOS

28) Using a wireless network without the network owner's permission is known as \_\_\_\_\_.

- A) hijacking
- B) spamming
- C) piggybacking
- D) phishing

29) All of the following are extra precautions you can take to secure a wireless network EXCEPT \_\_\_\_\_.

- A) change your network name (SSID)
- B) enable SSID broadcast
- C) turn on security protocols
- D) create a passphrase

30) The unique number assigned to a network adapter by the manufacturer is referred to as the \_\_\_\_\_ address.

- A) MAC
- B) IP
- C) SSID
- D) network