

CCNA 1 Module 1

1. The connection to the Internet can be broken down into which of the following?
 - A. Physical connection
 - B. Logical connection
 - C. Applications
 - D. All of the above

2. What is the main circuit board of a computer?
 - A. PC subsystem
 - B. Motherboard
 - C. Backplane
 - D. Computer memory

3. What are PCMCIA slots?
 - A. Slots used in laptops
 - B. Slots used as expansion slots in all computers
 - C. Expansion slots for a NIC
 - D. Slots for certain specialized devices

4. What is a NIC?
 - A. A WAN adapter
 - B. A printed circuit board that provides network communication
 - C. A card used only for Ethernet networks
 - D. A standardized data link layer address

5. Which of the following is/are the resources) you need before you install a NIC?
 - A. Knowledge of how the network card is configured
 - B. Knowledge of how to use the network card diagnostics
 - C. Capability to resolve hardware resource conflicts
 - D. All of the above

6. Which number system is based on powers of 2?
 - A. Octal
 - B. Hexadecimal
 - C. Binary
 - D. ASCII

7. Match the following terms with their definitions:
 1. Bit
 2. Byte
 3. kbps
 4. MHz
 - a. The smallest unit of data in a computer
 - b. A standard measurement of the rate at which data is transferred over a network connection
 - c. A unit of frequency; the rate of change in the state or cycle in a sound wave, alternating current, or another cyclical waveform
 - d. A unit of measure that describes the size of a data file, the amount of space on a disk or another storage medium, or the amount of data being transferred over a network

8. What is the largest decimal value that can be stored in 1 byte?
 - A. 254
 - B. 256
 - C. 255
 - D. 257

9. What is the decimal number 151 in binary?
 - A. 10100111
 - B. 10010111
 - C. 10101011
 - D. 10010011

10. What is the binary number 11011010 in decimal?
 - A. 186
 - B. 202
 - C. 218
 - D. 222

11. What is the binary number 0010000100000000 in hexadecimal?
 - A. 0x2100
 - B. 0x2142
 - C. 0x0082
 - D. 0x0012

12. What is the hexadecimal number 0x2101 in binary?
 - A. 0010 0001 0000 0001
 - B. 0001 0000 0001 0010
 - C. 0100 1000 0000 1000
 - D. 1000 0000 1000 0100

13. Which of the following statements is true of ping?
 - A. The ping command is used to test a device's network connectivity.
 - B. Ping stands for packet Internet groper.
 - C. The ping 127.0.0.1 command is used to verify the operation of the TCP/IP stack and the NIC transmit/receive function.
 - D. All of the above

Answers

1. The connection to the Internet can be broken down into which of the following?
 - D. All of the above

2. What is the main circuit board of a computer?
 - B. Motherboard

3. What are PCMCIA slots?
 - A. Slots used in laptops

4. What is a NIC?
 - B. A printed circuit board that provides network communication

5. Which of the following is/are the resource(s) you need before you install a NIC?
 - D. All of the above

6. Which number system is based on powers of 2?
C. Binary
7. Match the following terms with their definitions:
1. Bit
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A. The smallest unit of data in a computer
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D. A unit of measure that describes the size of a data file, the amount of space on a disk or another storage medium, or the amount of data being transferred over a network
Answers: 1-A, 2-D, 3-B, 4-C
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A. 0010 0001 0000 0001
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D. All of the above