

**Network Practice Test for CompTIA - Domain 1**  
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## **2006 Network Domain1 - Practice Exam**

This practice exam is based on the CompTIA Network+ Domain 1 test objectives. Before attempting this exam you should have completed and studied the Network+ Domain 1 Student Study Guide. This exam should take no more than 20 minutes and you must score at least 70 percent or 12 correct out of 17 questions.

1. A peer-to-peer network is configured as a star topology with a hub at the center of the star. All of the workstations are identified in sequence starting as workstation1 until workstation 8. One of the cables is disconnected between workstation 4 and the hub at the center of the star. What effect will this have on the network?

- A. All workstations will continue to work properly*
- B. All workstations will cease to be able to communicate on the network until the cable is reconnected*
- C. Workstation 4 will not be able to communicate over the network.*
- D. All workstations from workstation 4 to workstation 8 will cease to communicate on the network.*

2. According to the 10BaseT standard, what does the “T” represent?

- A. Time To Live (TTL)*
- B. Transmission*
- C. Twisted pair.*
- D. Terminal*

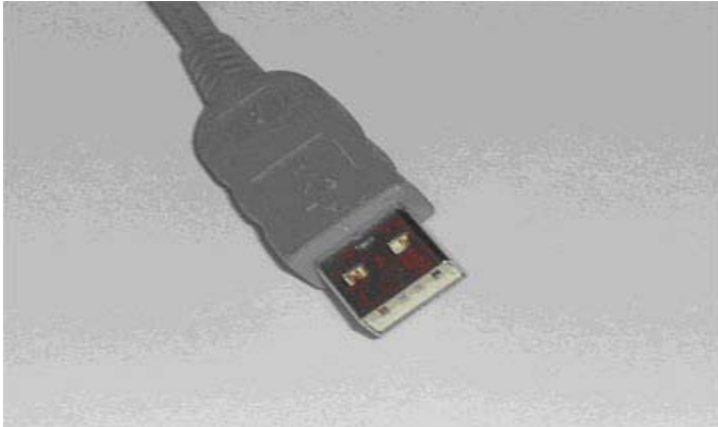
3. Which method of communication is used by Ethernet network systems?

- A. Token passing*
- B. Broadcast*
- C. Limited-cast*
- D. Bus communication*

4. What does the “CA” represent in the acronym CSMA/CA?

- A. Collective Access*
- B. Common Access*
- C. Collision Agent*
- D. Collision Avoidance*

5. Identify the connector type in the graphic exhibit.



- A. SC
- B. USB
- C. RJ-45
- D. IEEE 1394

6. What is the main function of a network bridge?

- A. *To issue IP addresses to workstations.*
- B. *To limit network broadcasts based on MAC address.*
- C. *To provide security in similar fashion as a firewall.*
- D. *To link networks together that use different protocols.*

7. How many pins are in a typical RJ-45 connector?

- A. 2
- B. 4
- C. 6
- D. 8

8. What is the minimum transmission speed associated with Bluetooth standard?

- A. 1 Mbps
- B. 10 Mbps
- C. 100 Mbps
- D. 1000 Mbps

9. What is the maximum broadcast range for an 802.11b standard device?

- A. 100 Meters
- B. 300 Meters
- C. 500 Meters
- D. There is no maximum range according to the standard.

10. Which two connector types are commonly used to connect a cable modem to a PC? Select two.

- A. RJ-11
- B. USB
- C. BNC
- D. RJ-45

11. Which cable type is the most susceptible to radio interference?

- A. UTP
- B. Coaxial
- C. Fiber-optic
- D. STP

12. What is the maximum data rate for 1000Base-T?

- A. 10 Mbps
- B. 100 Mbps
- C. 1 Gbps
- D. 10 Gbps

13. What type of cable is used for 1000Base-CX?

- A. Single mode Fiber-optic
- B. Multimode Fiber-optic
- C. Twisted Pair Copper
- D. RG-58 Coaxial

14. Which standard will support the longest run of network cable?

- A. 10BaseT
- B. 100BaseFX
- C. 100BaseSX
- D. 10GBaseER

15. Which wire size is the smallest in diameter?

- A. 18
- B. 20
- C. 22
- D. 24

16. Which device is used to terminate a T1 connection?

- A. CSU/DSU
- B. Cable modem
- C. NIC
- D. ISDN modem

17. Which device does not limit network broadcasts?

- A. Switch
- B. Bridge
- C. Router
- D. Repeater

## Answers to Practice Test 1

- 1 c
- 2 c
- 3 b
- 4 d
- 5 b
- 6 b
- 7 d
- 8 a
- 9 d
- 10 b,d
- 11 a
- 12 c
- 13 c
- 14 d
- 15 d
- 16 a
- 17 d