

Exam : **[Network General 1T6-220](#)**

Title : **Switched Ethernet Network
Analysis and
Troubleshooting**

Version : **Demo**

1. CSMA/CD stands for:

- A. Collision Sense, Multiple Access, Carrier Detection
- B. Carrier Sense, Multiple Access, Collision Detection
- C. Carrier Sense, Multiplexed Access, Collision Detection
- D. Collision Sense, Multiple Access, Collision Detection

Answer: B

2. _____ needs to be configured on the switch port you are monitoring or all Detail tab fields will return NA.

- A. SNMP
- B. RMON
- C. MIB
- D. 802.11b

Answer: B

3. Ethernet frames that do not end on an 8 bit boundary:

- A. Are jabbers
- B. Are runt frames
- C. Have CRC errors
- D. Have alignment errors

Answer: D

4. Collisions are always eliminated in _____ environments.

- A. Switched Ethernet
- B. Full Duplex
- C. Gigabit Ethernet
- D. All of the above

Answer: B

5. The IEEE 802.3x specification describes the operation of:

- A. Fast Ethernet
- B. Switched Ethernet
- C. Gigabit Ethernet
- D. Full Duplex Ethernet

Answer: D

6. Because Gigabit Ethernet can generate up to 125 Mbytes of data per second at full capacity it is important to _____ when starting to analyze a network problem.

- A. Capture data for one minute and then analyze the Expert symptoms
- B. Apply a capture filter for a specific station or conversation
- C. Capture data directly to disk
- D. Increase the Expert thresholds before capturing data

Answer: B

7. The Gigabit Ethernet Sniffer user interface uses the standard Sniffer interface with enhancements for Gigabit.

- A. True
- B. False

Answer: A

8. The _____ always has an Ethertype of 8808.

- A. PAUSE MAC frame
- B. Buffer MAC frame
- C. JAM-PAUSE frame
- D. STOP MAC frame

Answer: A

9. Choose all that apply. Which of the following functions are performed in a Full-duplex Ethernet environment?

- A. Carrier sense before transmitting

- B. Maintain an inter-frame gap between frames
- C. Perform CRC calculation on transmitted frame
- D. Back off and retransmit when a collision occurs

Answer: BC

10. When receiving an incoming frame, a station in either half-duplex or full-duplex mode will _____.

- A. Check for the maximum frame size of 64 bytes
- B. Perform collision detection
- C. Truncate the frame after 1518 bytes
- D. Validate the FCS

Answer: D