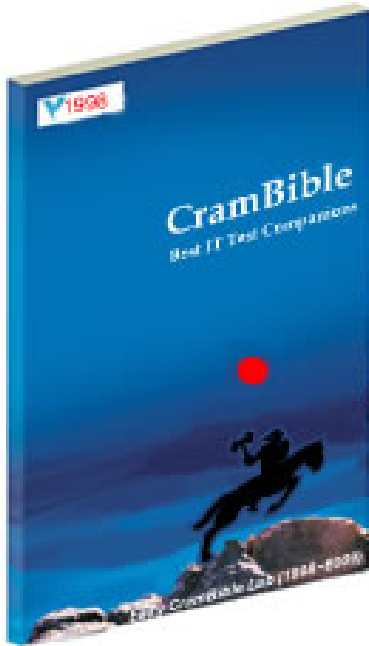


# Easy CramBible Lab



**1T6-220**

**Switched Ethernet  
Network Analysis and  
Troubleshooting**

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**THE TOTAL NUMBER OF QUESTIONS IS 142****QUESTION NO: 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: A**

**QUESTION NO: 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: A**

**QUESTION NO: 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: C**

**QUESTION NO: 4**

Collisions are always eliminated in \_\_\_\_\_ environments.

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

**Answer: A**

#### QUESTION NO: 5

The IEEE 802.3x specification describes the operation of:

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

**Answer: C**

#### QUESTION NO: 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: A**

#### QUESTION NO: 7

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

- A. True
- B. False

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**Answer: Pending. Send your suggestion to [web@crambible.com](mailto:web@crambible.com)**

**QUESTION NO: 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: Pending. Send your suggestion to [web@crambible.com](mailto:web@crambible.com)**

**QUESTION NO: 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: A,B**

**QUESTION NO: 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: C**

**QUESTION NO: 11**

Choose all that apply. The Gigabit Ethernet Sniffer can be configured to store data in the \_\_\_\_\_ buffer during capture.

- A. Adapter Buffer
- B. Capture Buffer
- C. Jitter Buffer
- D. All of the above

**Answer: A**

#### QUESTION NO: 12

The maximum cable distances for Full Duplex Ethernet are \_\_\_\_\_ compared to Half Duplex Ethernet:

- A. Much higher
- B. The same
- C. Much lower
- D. Slightly higher

**Answer: Pending. Send your suggestion to [web@crambible.com](mailto:web@crambible.com)**

#### QUESTION NO: 13

Port mirroring can be set from the Sniffer Portable only if the switch supports it and the switch is configurable via \_\_\_\_\_.

- A. IOS
- B. SPAN
- C. SNMP requests
- D. 802.1

**Answer: B**

#### QUESTION NO: 14

Consider the following description: Only part of a frame has arrived at the adapter when the first part begins transmission on the media. The adapter quits sending the frame, leaving an incomplete frame transmitted. This is likely a(n):