Exams developed in partnership with Cengage Learning.

**Book Information**

**Guide to Networking Essentials**

Author: 9781111312527  
6th Edition  
©2011 Published

**Exam Topics**

I. Introduction to Computer Networks.  
II. Network Hardware Essentials.  
III. Network Topologies and Technologies.  
IV. Networking Media.  
V. Network Protocols.  
VI. Network Reference Models and Standards.  
VII. Network Hardware in Depth.  
VIII. Network Operating Systems  
IX. Introduction to Network Security  
X. Supporting a Small Business Network  
XI. Network Administration and Support
XII. Enterprise and Wide Area Networks.

XIII. Solving Network Problems.

Sample Questions
1. When a NIC is in "promiscuous" mode, it will process only the frames in which the destination MAC address matches its own MAC address.
   a. True  b. False

2. Which of the following is a feature of TCP? (Choose all that apply.)
   a. segments data into chunks
   b. converts signals into bits
   c. provides data-formatting services
   d. ensures flow control
   e. establishes a connection

3. The 802.11i standard is the newest version of wireless security that uses more advanced encryption methods than the previous versions. What is it more commonly referred to as?
   a. WEP
   b. WAP
   c. WPA
   d. WPA2

4. The CPE must be able to send data in the correct format onto the connection that makes up the __________ and receives data coming from that connection.

5. Describe the trial-and-error method of troubleshooting and when it should and shouldn’t be used.