

1. What do you use multiples of in the hexadecimal system?
  - a) 6 (base 6)
  - b) 16 (base 16)
  - c) 8 (base 8)
  - d) 2 (base 2)
  
2. What is the decimal value for 0x32?
  - a) 50
  - b) 5
  - c) FF
  - d) 48
  
3. What troubleshooting command provides a reply including bytes, time and time to live?
  - a) Tracert
  - b) Ipconfig
  - c) Ping
  - d) Netstat
  
4. Which of the following is not considered a secure protocol
  - a) SFTP
  - b) SNMPv2
  - c) SSH
  - d) SNMPv3

# techno**edge**

## LEARNING

5. A user is concerned about users being on the same switch, but they occasionally need to communicate with one and other. They do not have two switches available. What can be done to separate these users, while allowing specific communication?

- a) Segment them physically
- b) Use VLANs with a firewall
- c) Use VLANs

6. IPsec is what layer in the OSI device?

- a) Layer 2
- b) Layer 5
- c) Layer 3

7. Which of the following is not a type of UPS that is used for power redundancy?

- a) Line-interactive UPS
- b) Offline-Line conversion UPS
- c) Online/Double conversion UPS
- d) Offline standby UPS

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Answer Key: 1. **b** 2. **a** 3. **c** 4. **b** 5. **b** 6. **c** 7. **b**