Week 11 Assignment 11

Due date: 2023-10-16

Week 11

1. Which of the following FTP protocols is used by a stelar machine to obtain the IP address from a host?
   - a. ESP
   - b. FTP
   - c. ARP
   - d. RARP
   - e. None of the above

2. Which statement describes a spanning network that doesn't converge?
   - a. All switch and bridge ports are either blocking or learn.
   - b. All switch and bridge ports are either forwarding, block, or the blocking state.
   - c. All switch and bridge ports are assigned as either root or designated ports.
   - d. None of the above

3. Which is not reflected in routed tables in network? L3CAP?
   - a. IP
   - b. ARP
   - c. UDP
   - d. None of the above

4. How can the wireless LMP solve the hidden node problem?
   - a. By extending the timeouts to different locations
   - b. By introducing ETTI and CTS
   - c. By initiating random backoff
   - d. None of the above

5. What is not a function of ARB?
   - a. It is used to merge 16 to 32 IP addresses into a 16-bit address.
   - b. It is used to merge 16 to 32 IP addresses into a 24-bit address.
   - c. It is used to merge 40 to 48 IP addresses into an 8-bit address.
   - d. It is used to merge 16 to 32 IP addresses into a 16-bit address.

6. Which of the following describes the function of ARM?
   - a. a process that provides a filter for all ARP requests
   - b. a process that provides a filter for all ARP responses
   - c. a process that provides a filter for all ARP packets
   - d. a process that provides a filter for all ARP responses and requests

7. Which of the following is not a network layer gateway?
   - a. RPR
   - b. ARP
   - c. RARP
   - d. None of the above

8. Which of the following is a network layer gateway?
   - a. RPR
   - b. ARP
   - c. RARP
   - d. None of the above

9. Which of the following is a network layer gateway?
   - a. RPR
   - b. ARP
   - c. RARP
   - d. None of the above

10. Which of the following is not a network layer gateway?
    - a. RPR
    - b. ARP
    - c. RARP
    - d. None of the above

11. Which of the following is not a network layer gateway?
    - a. RPR
    - b. ARP
    - c. RARP
    - d. None of the above

12. Which of the following is not a network layer gateway?
    - a. RPR
    - b. ARP
    - c. RARP
    - d. None of the above