
CHAPTER 15

Wireless LANs

Multiple-Choice Questions

1. b
3. d
5. c
7. d
9. b
11. a
13. d
15. d
17. d
19. c

Exercises

21. In CSMA/CD, the protocol allows collisions to happen. If there is a collision, it will be detected, destroyed, and the frame will be resent. CSMA/CA uses a technique that prevents collision.
23. See Table 15.1

Table 15.1 *Exercise 23*

<i>Fields</i>	<i>802.3 field size (bytes)</i>	<i>802.11 field size (bytes)</i>
Destination Address	6	
Source Address	6	
Address 1		6
Address 2		6
Address 3		6

Table 15.1 Exercise 23

<i>Fields</i>	<i>802.3 field size (bytes)</i>	<i>802.11 field size (bytes)</i>
Address 4		6
FC		2
D/ID		2
SC		2
PDU Length	2	
Data and Padding	46 to 1500	
Frame Body	64-1518	0 to 2312
FCS (CRC)	4	4

25. See Figure 15.1.

Figure 15.1 Exercise 25