CHAPTER 8

Access Methods

Multiple-Choice Questions

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

Exercises

19. Whenever the station has data to send.
21. By receiving an acknowledgement.
23. At the beginning of a time slot.
25. By receiving an acknowledgement.
27. When the medium is idle.
29. Detecting collision.
31. When the medium is idle and the station has waited for an IFS time and a random amount of time.
33. By receiving an acknowledgement.
35. When a free token is circulating and the station has data to send.
37. By receiving the frame itself back.

39. See Table 8.1.

Table 8.1 *Exercise 39*

Characteristic	Pure ALOHA	Slotted ALOHA	CSMA/ CD	CSMA/ CA	Token Passing
Multiple Access	Yes	Yes	Yes	Yes	No
Carrier Sense	No	No	Yes	Yes	No
Collision Checking	No	No	Yes	No	No
Acknowledge	Yes	Yes	No	Yes	Kind of