
CHAPTER 11

Ethernet Evolution

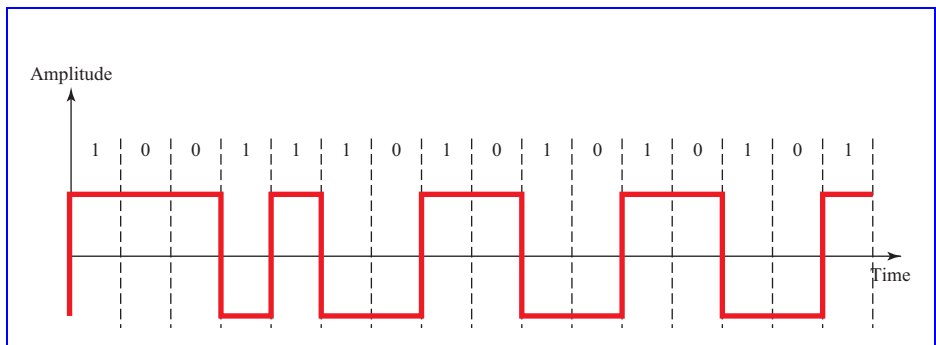
Multiple-Choice Questions

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

Exercises

19. See Figure 11.1.

Figure 11.1 *Exercise 19*



21. 1000 0000 0100 0000

23. See Table 11.1.

Table 11.1 Exercise 23

<i>Sublayers</i>	<i>Fast Ethernet</i>	<i>Gigabit Ethernet</i>
Reconciliation	Yes	Yes
MII	Yes	No
GMII	No	Yes
PHY	Yes	Yes
MDI	Yes	Yes

25. See Table 11.2.

Table 11.2 Exercise 25

<i>Implementation</i>	<i>Media</i>	<i>Encoding Methods</i>
1000BASE-SX	Two fiber optic cables	8B/10B and NRZ
1000BASE-LX	Two fiber optic cables	8B/10B and NRZ
1000BASE-CX	Two pairs of STP	8B/10B and NRZ
1000BASE-T	Four pairs of UTP	4D-PAM5