I226 Computer Networks

Chapter 3 Data Link Layer

(Review Questions)

Each chapter includes a few questions that are designed to help you to revise your first-level understanding of the slide material presented in the lecture.

1. What are the roles of data link layer? Point out more than three.
2. How a frame is formed from a stream of bits? Illustrate with some examples.
3. Give some examples of data link protocol (standard).
4. Explain the difference between IEEE802.3 and IEEE802.5 media access technology. Give some features of each standard.
5. Discuss the minimum frame length of IEEE802.3. How the 64-byte minimum length is defined?
6. How the data link address is used? Give some examples?
7. Discuss the difference between the bridge and the repeater from the viewpoint of their roles and operations.