

CPE 400/ECG600 Computer Communication Networks
Homework 3

Due by 4:00pm Monday, Mar. 19

(Show all your work and staple your answer sheets together)

Read Chapter 8 Multiplexing, Chapter 6 Digital Data Communication Techniques and Chapter 7 Data link control protocols, of Data and Computer Communications, 8th edition and complete the following questions.

1. Problem 8.18 on pp. 273.
2. Problem 6.2 on pp. 204.
3. (1) Problem 6.5 on pp. 205.
(2) Problem 6.6 on pp. 205.
4. (G.) Problem 6.10 on pp. 205.
5. Problem 6.14 on pp. 205.
For b), also show how the remainder is generated using the long division of binary sequence.
6. Problem 6.17 on pp. 206.
7. Problem 7.1 on pp. 230.
8. Problem 7.5 on pp. 230.
9. Problem 7.9 on pp. 231.
10. Problem 7.13 on pp. 231.