选做五道

Problem 2:

1. No, you can only transmit one packet once over a shared bus.
2. No, only one memory read/write can be done at a time over the shared bus.
3. No, it is impossible that these two packets will be sent over the same output bus at the same time.

Problem 3:

1. (n-1)D
2. (n-1)D
3. 0

Problem 7:

Destination Address Range Link Interface

11000000 0

(32 addresses)

11011111

100000000 1

(64 addresses)

11111111

11100000 2

(32 addresses)

11111111

00000000 3

(128 addresses)

01111111

Problem 8:

223.1.17.0/26; 223.1.17.128/25; 223.1.17.192/28

Problem 9:

Destination Address Link Interface

200.23.16/21 0

200.23.24/24 1

200.23.24/21 2

Otherwise 3