

CNT 4419 Quiz 4/16/25 (20 minutes) NAME: _____

Instructions: Same standard instructions as before. As always, this quiz is closed everything, including phones and other students. Do not talk to another student during the quiz. Do not look at another student's answers during the quiz. Respond at the level of detail discussed in class.

1. [4.5 points] What are the primary addresses used in computer networking, common examples and sizes of those addresses in practice, and the OSI layer names and numbers at which each kind of address appears? Hit all the main points discussed in class. [Essay]

2. [2.5 points] Continuing from the previous problem, what are the names, numbers, and primary functionalities of the other OSI layers, i.e., the layers not relevant for Problem 1? [Short essay]

3. [3 points] How can RA-overwriting attacks succeed when NX bits are used? Hit all the main points discussed in class. [Short essay]