

CNT 4419 Quiz 3/5/25 (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. [2 points] What are standard processes for mitigating ransomware attacks? Hit the main points discussed in class. [1-3 sentences]

2. [3 points] Compare and contrast software security and public health, e.g., studying human pathogens like infectious viruses and bacteria. Hit the main points discussed in class. [Short essay]

3. [2 points] What are the standard segments of program memory? [1 sentence]

4. [3 points] Briefly explain 6 design principles for secure software, as discussed in class. For this one problem, you may respond in bullet points or an enumerated list.