CS 5352/6352 Computer Security
Homework 5
(30 pts)

1. Explain the three properties of one-way hash function.

2. What is birthday paradox. Explain birthday attacks for hash collision.

3. Mention four differences between SHA-1 and MD5 hash algorithms.

4. What is access control? What are the challenges for access control?

5. Explain the two approaches of access control based on who can assign permissions.

6. Explain the differences between Access Control List and Capability Tables.