



MARYMOUNT UNIVERSITY

School of Business Administration
2017-18 Fall Semester

IT 530-A – Computer Security

Extra Assignment

Due Date: November 15th, 2017 (Handed in at the beginning of class)

Instruction: All assignment submission must be typed and double spaced.

Questions:

1. What are the three basic operations in cryptography?
2. What is the fundamental difference between symmetric and asymmetric encryption?
3. What is the difference between a digital signature and a digital certificate?
4. What encryption standard is currently recommended by NIST?
5. What is steganography, and what can it be used for?
6. What is a hash function, and what can it be used for?