## **Tufts University Department of Computer Science COMP 116: Introduction to Computer Security** Fall 2017 **Practice Quiz 1. Closed Book.**

Quiz 1 will cover the following topics:

- Networking
- Packet analysis
- Network scanning
- Network sniffingDistributed Denial of Service (DDos) attacks
- Basic cryptography

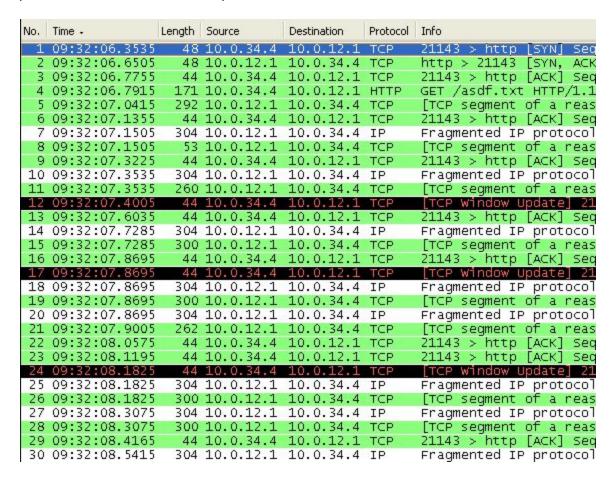
Types of questions on the quiz will include:

- Multiple choice
- Fill-in-the-blank
- True or false
- Really short answer

## **Sample Questions:**

1 (2 points) relies on IP but does not guarantee delivery or u	ise handshaking
2 (5 points). We discussed various methods of scanning a network. Detail scan a network for open ports.	three ways to
3 (3 points). In order to sniff a network, the user need to be	
4 (2 points). How can you defend your system against scanners?	

5 (5 points). Consider the following illustration. Identify what is happening and how can you conduct the similar activity.



## **Answers to Sample Questions:**

- 1. UDP
- 2. Ping sweep, Nmap SYN scan, Nmap Xmas scan
- 3. root / superuser
- 4. Close unnecessary services
- 5. Packet fragmentation. You can use nmap, fragroute, or hping to perform this.