**Networking**

Assignment 2

1. What is the purpose of security on a network? **(Value 1)**

2. Explain the difference between a weak and a strong password **(Value 2)**

3. Identify 3 security measures that you could put in place for each of the three types of networks below:

* Homes & Small Businesses
* Medium businesses
* Large businesses

**(Value 9)**

4. What is a Firewall? **(Value 1)**

5. What are the 2 types or Firewalls? **(Value 2)**

6. Describe and explain when Firewalls were first used and why. **(Value 5)**

7. What are Computer Viruses? **(Value 1)**

8. How are they created? **(Value 1)**

9. What is the difference between a Trojan Horse and a Computer Worm? **(Value 2)**

10. How does Anti-Virus software work? **(Value 1)**

11. Why is it important to keep your Virus definitions up to date? **(Value 2)**

12. What is Computer Hacking? **(Value 1)**

I13. Identify a famous computer hacker and give a detailed explanation of the event(s) that they became famous for. What was their online Alias? What was the penalty for their crime? **(Value 5)**

14. Research the computer hacker group Anonymous. Who are they? What is their purpose? Which attacks have they been in the news for lately? What is their next plan of attack? **(Value 5)**

15. Define and explain 2 types of Wireless Internet encryption. Which one can hackers crack into quicker? **(Value 2)**

**Total Value 40**