**The Future of Computer Technology – ICS3U**

Research the internet to answer the following questions.

1. Describe how some computer manufacturing companies are reducing the negative environmental impact of their computers.

Offering to safely dispose of electronic waste for customers instead of letting it end up in landfills

1. What is the **Open Intellectual Property Movement**?
2. What is a positive and negative feature of this movement
3. What is the one major advantage of **Quantum Computing** in comparison to the computing technologies of today
4. What is the basic unit of memory in a Quantum Computer?
5. What is **Nanotechnology**?
6. How does **Phototonics** help in the transfer of data and the speed of the internet
7. What is **Cloud Computing**?
8. Describe how **a Natural User Interface** would improve the way we use a computer.
9. What is **Machine Language and Intelligent Systems**? What is a concern of this?
10. How might **Bioinfomatics** lead to positive change in the medical field?
11. Give examples of where a **Medical Robot** is being used today.

