202: Principles of electrical science  
**Worksheet 1: Principles of electricity**

Using your notes, answer the following questions.

1. **Name the two main parts of the atom.**
2. **Which part has a negative charge?**
3. **Which part has a positive charge?**
4. **In electron current theory, in which direction do the electrons flow?**
5. **What is the charge state of an atom with an extra electron?**
6. **What is conventional current flow?**
7. **State three effects of an electric current.**