# **Unit 6 – Particles with Internal Structure - Objectives**

| Question | Response |
| --- | --- |
| 1. Describe the evidence that supports the idea that particles have a property we call charge. |  |
| 1. Use the Thomson model of the atom to account for the fact that neutral atoms can become either positively or negatively charged by the loss or gain of electrons. |  |
| 1. List properties that distinguish metals from non-metals. |  |
| 4. Describe the evidence that distinguishes ionic from molecular or atomic solids. |  |
| 5. Given the formula of an ionic or molecular substance, state its name. |  |
| 6. Given the name of ionic or molecular substance, write its formula. |  |
| 7. From the name or formula of a substance determine whether that substance is ionic or molecular. |  |