**COSTAATT**

**CHEM 090**

**Lesson 11 – Worksheet**

1. Which of the following does not have a giant structure?

(A) graphite (B) oxygen (C) sodium chloride (D) copper

2. What is an alloy?

(A) A type of element (B) A compound of metals

(C) The same as aluminium (D) A mixture of metals

3. Which of the following statements is/are true?

I Table salt is sodium chloride

II Table salt has a giant structure

III Table salt is made up of ions

IV Table salt is soluble in water

(A) I and II (B) I, II, III and IV (C) II and III (D) II

4.(a) Draw a sketch to show the structure of a metal.

(b) Explain why metals conduct electricity.

(c) What is an alloy? Give one example of an alloy.

(d) Explain why alloys are usually harder than pure metals.

5. Draw a unit cell of sodium chloride, NaCl.