

Name _____

Date _____

Due Date _____

Mark _____/25

Correct and Hand in Again by _____

Chemistry 11

Hand In Assignment # 3 – Ionic Formulas and Names

This Assignment will be marked and you are allowed to do one set of corrections.

1. Determine the correct formula for each of the following compounds (15 marks)

a. rubidium sulphide _____

b. manganese (II) chloride _____

c. sodium oxalate _____

d. ammonium dichromate _____

e. zinc nitrate tetrahydrate _____

f. tungsten (VI) sulphate _____

g. copper (I) monohydrogen phosphate _____

h. manganese (IV) bisulphate _____

i. calcium acetate _____

j. iron (III) carbonate hexahydrate _____

k. tin (IV) oxide _____

l. ammonium dihydrogen phosphate _____

m. calcium sulphite octahydrate _____

n. yttrium (III) chromate _____

o. nickel (III) chlorate trihydrate _____

2. Determine the correct name for each of the following compounds. (10 marks)

a. Rb_3PO_4 _____

b. $\text{Fe}(\text{OH})_3$ _____

c. $\text{Cr}_2(\text{SO}_4)_3 \cdot 5\text{H}_2\text{O}$ _____

d. $\text{NH}_4\text{HC}_2\text{O}_4$ _____

e. $\text{Pb}(\text{ClO})_4$ _____

f. $\text{Ba}(\text{OH})_2 \cdot 10\text{H}_2\text{O}$ _____

g. $\text{Hg}_2(\text{NO}_3)_2$ _____

h. Cu_2SO_3 _____

i. $\text{Ni}_2(\text{Cr}_2\text{O}_7)_3$ _____

j. $\text{Ta}(\text{ClO}_4)_2$ _____