

Science 1206
Unit 1: Chemistry
Assignment: Ionic Compounds Nomenclature



Student Name: _____

1. List two features of an ionic bond [2]

(I) _____

(II) _____

2. Write the formulas for the following ionic compounds : [13]

a) potassium iodide _____

b) calcium carbonate _____

c) tin(II) fluoride _____

d) silver bromide _____

e) manganese(IV) oxide _____

f) cobalt(III) sulfide _____

g) ammonium nitrate _____

h) magnesium hydride _____

i) aluminium bromide _____

j) lithium nitride _____

k) magnesium phosphate _____

l) copper (I) cyanide _____

m) iron (III) hydroxide _____

3. Name the following ionic compounds:

[15]

- a) KBr _____
- b) $\text{Zn}(\text{HSO}_4)_2$ _____
- c) AlF_3 _____
- d) PbCl_2 _____
- e) $(\text{NH}_4)_3\text{PO}_4$ _____
- f) MgO _____
- g) Ag_2S _____
- h) Cu_2S _____
- i) ZnO _____
- j) $\text{Ti}_3(\text{PO}_4)_2$ _____
- k) CaCl_2 _____
- l) $\text{Ca}(\text{OH})_2$ _____
- m) NaCl _____
- n) CaCO_3 _____
- o) $\text{Pb}(\text{SO}_4)_2$ _____