**Chem 1013: mini-quiz # 6: Naming with Oxyanions A**

**11 Feb**

Your name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

PO43- = phosphate CO32- = carbonate SO42- = sulfate

1) What is the formula for a combination of Li and carbonate-?\_\_\_\_\_ Li2CO3\_\_\_\_\_\_\_\_\_\_\_

2) Name Li3PO4\_\_\_\_\_\_\_lithium phosphate\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3) What is the formula for Fe+3 in combination with carbonate ?? \_\_\_\_\_\_Fe2(CO3)3\_\_\_\_\_\_\_\_\_\_\_\_

4) What formula is associated with the compound cobalt(II) sulfate ?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Chem 1013: mini-quiz # 6: Naming with Oxyanions B**

**11 Feb**

Your name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

PO43- = phosphate CO32- = carbonate SO42- = sulfate

1) What is the formula for a combination of Ca and carbonate?\_\_\_\_\_\_\_CaCO3\_\_\_

2) Name Na2SO4\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_sodium sulfate\_\_\_\_\_\_\_\_\_\_\_\_\_

3) What is the formula for Fe+3 in combination with phosphate?? \_\_\_\_\_\_\_\_FePO4\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4) What formula is associated with the compound iron(II) sulfate ?\_\_\_\_FeSO4\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Chem 1013: mini-quiz # 6: Naming with Oxyanions C**

**11 Feb**

Your name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

PO43- = phosphate NO3-1=nitrate CrO42- = chromate

1) What is the formula for a combination of Ca and nitrate?\_\_\_Ca(NO3)2\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2) Name Fe3(PO4)2\_\_\_\_\_\_\_iron(II) phosphate\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3) What is the formula for Co+2 in combination with chromate?? \_\_\_\_\_\_\_\_CoCrO4\_\_\_\_\_\_

4) What formula is associated with the compound iron(III) phosphate ?\_\_\_\_\_\_\_FePO4\_\_\_\_\_\_