**Mini-quiz #8 Chemistry 1114 (Fong) Monday 19 September 2012**

Your name:\_\_\_\_\_\_answers\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ A 6 pts

8.1. Write the COMPLETE electronic configuration for Mg.

1s22s22p63s2

8.2. Write the ABBREVIATED electronic configuration for Ca.

[Ar]4s2

8.3. Write the ABBREVIATED electronic configuration with `d-switching’ for V.

[Ar]3d34s2

**Mini-quiz #8 Chemistry 1114 (Fong) Monday 1 September 2012**

Your name:\_\_\_\_\_\_\_answers\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ B 6 pts

8.1. Write the COMPLETE electronic configuration for P.

1s22s22p63s23p3

8.2. Write the ABBREVIATED electronic configuration for Rb.

[Kr]5s1

8.3. Write the ABBREVIATED electronic configuration with `d-switching’ for Cr.

[Ar]3d44s2

**Mini-quiz #8 Chemistry 1114 (Fong) Monday 1 September 2012**

Your name:\_\_\_\_\_\_\_\_answers\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ B 6 pts

8.1. Write the COMPLETE electronic configuration for S.

1s22s22p63s23p4

8.2. Write the ABBREVIATED electronic configuration for Na.

[Ne]3s1

8.3. Write the ABBREVIATED electronic configuration with `d-switching’ for Fe.

[Ar]3d64s2