**Mini-quiz #32 Chemistry 1114 section 2 (Fong) 21 Nov 2014 3 pts A**

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

**Using the Periodic Table projected at the front of the classroom, provide the abbreviated (and if necessary) d-s switched electronic configuration of the elements below:**

**a) Mg \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[Ne]3s2\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**b) V+2\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[Ar]3d3\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**c) Al\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[Ne]3s23p1\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Mini-quiz #32 Chemistry 1114 section 2 (Fong) 21 Nov 2014 3 pts B**

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

**Using the Periodic Table projected at the front of the classroom, provide the abbreviated (and if necessary) d-s switched electronic configuration of the elements below:**

**a) Ca \_\_\_\_\_\_\_\_\_\_[Ar]4s2\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**b) Fe+2\_\_\_\_\_\_\_\_\_\_[Ar]3d6\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**c) S\_\_\_\_\_\_\_\_\_\_\_\_\_\_[Ne]3s23p4\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Mini-quiz #32 Chemistry 1114 section 2 (Fong) 21 Nov 2014 3 pts C**

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

**Using the Periodic Table projected at the front of the classroom, provide the abbreviated (and if necessary) d-s switched electronic configuration of the elements below:**

**a) Fe+2 \_\_\_\_\_\_\_\_\_\_\_\_[Ar]3d6\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**b) Ca\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[Ar]4s2\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**c) Al\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_[Ne]3s23p1\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**