Chemistry 115 Name

Dr. Cary Willard

Quiz 6a (20 points) March 23, 2010

1. (2 points) How many electrons are there in an orbital?
2. (4 points) how does an orbit differ from an orbital?
3. (2 points) How many electrons are there in a p sublevel
4. (4 points) Write the complete electron configuration for an atom of sulfur.
5. (4 points) Write the shorthand electron configuration for an atom of manganese.
6. (2 points) Write an important property of a gas that can be collected by displacement of water.
7. (2 points) Circle the oxides in the following group.

K2O Cu(OH)2 C3H5O2 SO3

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Quiz 6b (20 points) March 23, 2010

1. (2 points) How many electrons are there in an orbital?
2. (4 points) how does an orbit differ from an orbital?
3. (2 points) How many electrons are there in a d sublevel
4. (4 points) Write the complete electron configuration for an atom of silicon.
5. (4 points) Write the shorthand electron configuration for an atom of cobalt.
6. (2 points) Write an important property of a gas that can be collected by displacement of water.
7. (2 points) Circle the oxides in the following group.

AgOH ZnO ClO2 C5H8O2