

AP Chemistry Net Ionic Rx Test Practice for 4<sup>th</sup> 6 Weeks 2012-2013

- 1) A solution of dichromic acid is mixed with a solution of sodium carbonate.

\_\_\_\_\_ is what the gas does to a glowing splint.

- 2) Solid manganese (VII) chlorate decomposes when it is heated.

\_\_\_\_\_ is what the gas does to a glowing splint.

- 3) Ammonia gas and carbon dioxide gas are bubbled through water.

\_\_\_\_\_ is the number of spectator ions.

- 4) Gaseous ethyne burned in limited oxygen.

\_\_\_\_\_ is the organic compound.

- 5) Ammonium gas is bubbled through a suspension of aluminum oxalate.

\_\_\_\_\_ is the approximate pH of the resulting solution.

- 6) Calcium turnings are added to water.

\_\_\_\_\_ is what the gas does to a glowing splint.

- 7) A crystal of sodium acetate is dropped into water.

\_\_\_\_\_ is what this salt does to water.

- 8) Solid copper (III) oxide is added to water.

\_\_\_\_\_ is the gas produced.

9) Carbon dioxide gas is bubbled through a solution of sodium phosphate.

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\_\_\_\_\_ is the name of the acid produced.

10) Gaseous hydrogen sulfide is passed through a solution of potassium fluoride.

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\_\_\_\_\_ is a spectator ion.

11) Carbon dioxide gas is passed over solid barium oxide.

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\_\_\_\_\_ is what happens to the oxidation number of the barium.

12) A piece of magnesium ribbon is dropped into dilute nitric acid.

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\_\_\_\_\_ is the oxidation number of N in the nitric acid.

13) A piece of magnesium ribbon is dropped into concentrated nitric acid.

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\_\_\_\_\_ is the color of the evolved gas.

14) A piece of magnesium ribbon is dropped into dilute sulfuric acid.

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\_\_\_\_\_ is the color of the evolved gas.

15) A piece of magnesium ribbon is dropped into concentrated sulfuric acid.

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\_\_\_\_\_ is the oxidation number of S in sulfuric acid.

16) Fluorine gas is bubbled through a solution of lithium iodide.

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\_\_\_\_\_ is the species that is the reducing agent.

17) Solid lead (II) hydroxide is added to a solution of ammonium chromate.

\_\_\_\_\_ is the gas produced.

18) Solid calcium bicarbonate is added to a solution of potassium sulfate.

\_\_\_\_\_ is a spectator ion.

19) Solutions of aluminum acetate and sodium chlorite are mixed.

\_\_\_\_\_ is a spectator ion.

20) Oxygen gas is passed over solid aluminum chloride.

\_\_\_\_\_ is the oxidation number of the O in the oxygen gas.