

# Participation Assignment

## CHEM 1090-General Chemistry I

Name:

#10

Section: 32, TR

Due Date: Tuesday 2/25/2020

1. Categorize each of the following as either strong, weak, or nonelectrolytes:

a. NaCl

e. BaCl<sub>2</sub>

b. HCl

f. HC<sub>2</sub>H<sub>3</sub>O<sub>2</sub>

c. H<sub>2</sub>O (a molecule)

g. H<sub>2</sub>SO<sub>4</sub>

d. AgNO<sub>3</sub>

h. Ca(NO<sub>3</sub>)<sub>2</sub>

2. Write molecular, total ionic, and net ionic equations for the reaction between silver nitrate and sodium chloride.

3. Write molecular, total ionic, and net ionic equations for the reaction between hydrochloric acid and sodium hydroxide.