

# Preclass Assignment

## CHEM 1090-General Chemistry I

Name:

#15

Section: 32, TR

Due Date: Thursday 3/19/2020

1. Use the following wavelengths for these questions: radio waves, microwave, infrared, visible, ultraviolet, x-ray, gamma rays.

a. Arrange them from low energy to high energy.

b. Arrange them from low frequency to high frequency.

c. Arrange them from short wavelength to long wavelength.

2. List the names and symbols for the four quantum numbers used to describe wave functions: