

# Preclass Assignment

## CHEM 1090-General Chemistry I

Name:

#19

Section: 32, MWF

Due Date: Wednesday 3/7/2018

1. Write the Lewis structure and the names for the electronic structure (this is called the “electron-domain geometry” in our book) and for the molecular structure (this is called the “molecular geometry” in our book) for each of the following:

a. H<sub>2</sub>S

b. O<sub>3</sub>

2. Fill out the molecular orbital diagram below for O<sub>2</sub>:

