

CEM143, Quiz 1, Summer 2018 (25 Points)

1) (2 pts) How many valence electrons does phosphorus (P) have?

2) (2 pts) What is the valence of Nitrogen (N)?

3) (6 pts) Place a circle around the more electronegative element in each of the following pairs.

a) O or S

b) Cs or Rb

c) Cl or Br

4) (6 pts) Draw a Lewis dot formula for the following compounds.

a) H_2CO_3



b) H_2SO_3



5) (9 pts) Provide the IUPAC for the following compounds.

