Problem Set #2b

1) Identify the functional groups which are present in the following molecules. Are these molecules non-polar, polar aprotic, or polar protic? Will these compounds hydrogen bond with themselves? Will these compounds hydrogen bond with water?

a. 

b. 

c. 

d. 

e. 

f. 

g. 

h. 

2) What is the hybridization of each of the non-hydrogen atoms in the above molecules?