Week 5 Worksheet Blank

1.) Provide a mechanism for the following reaction.

\[ \text{H}_2\text{N} + \text{O} = \text{O} \rightarrow \text{O} \text{N} \]
2.) Rank the following carbonyl compounds in order of favorability for hydrate formation (1 = most likely to form hydrate).

3.) Provide a mechanism for the following esterification reaction.