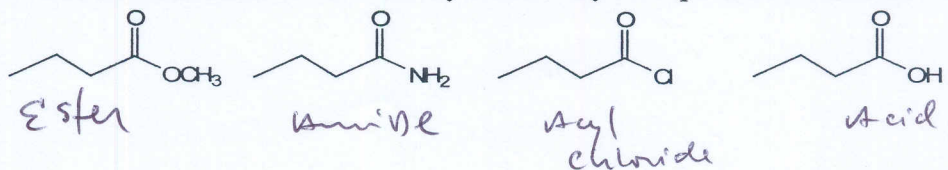
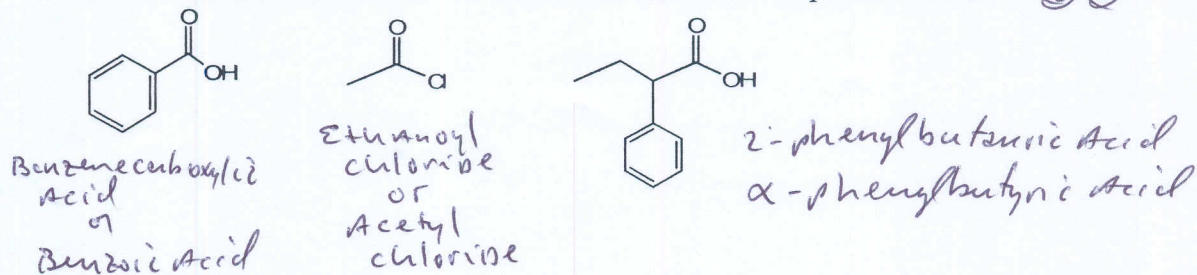


Organic Chemistry 2342, Quiz 6

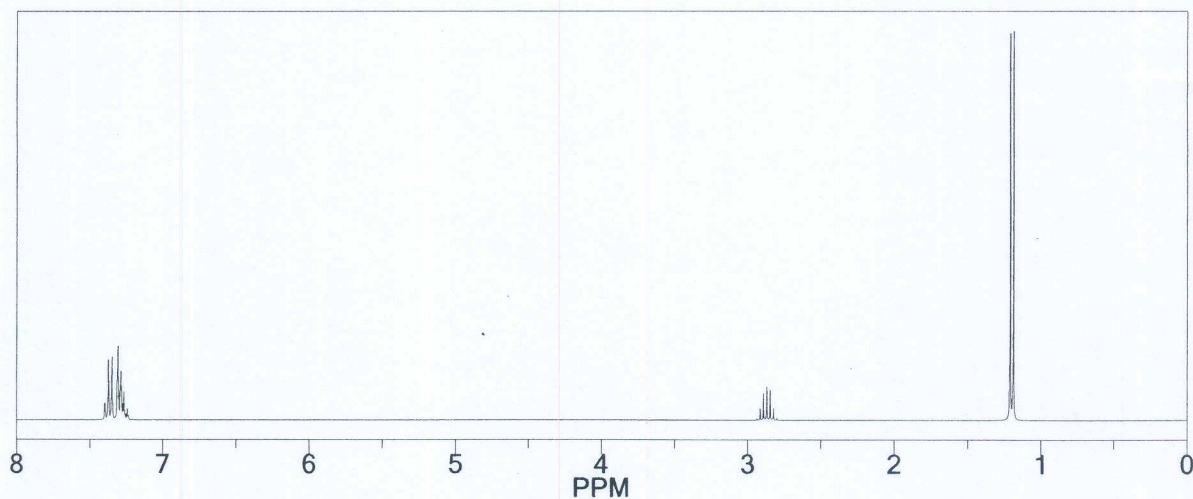
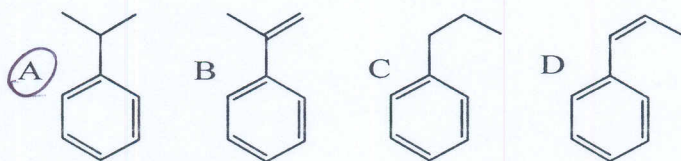
1. Provide the name of each family of carbonyl compound shown below. (4)



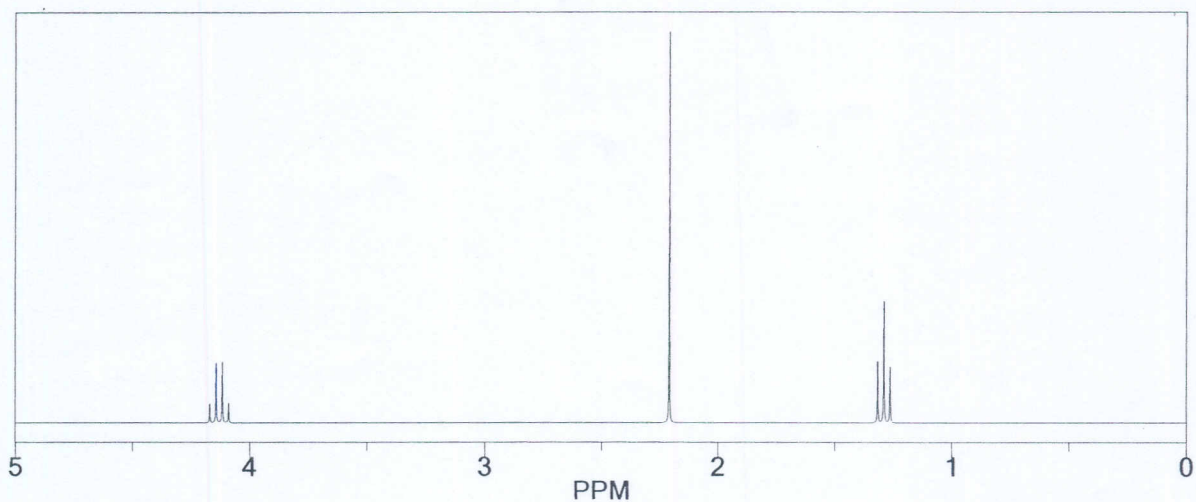
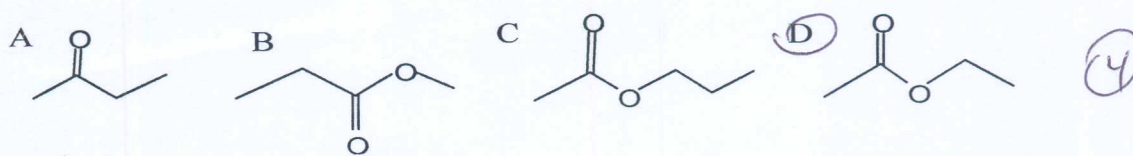
2. Provide the IUPAC and Common name for each compound shown. (3)(6)



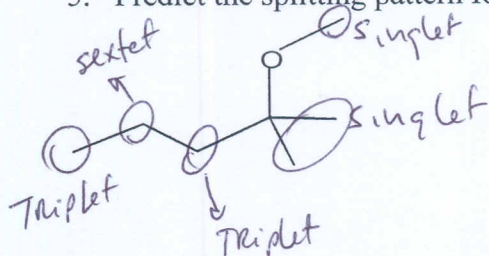
3. Which of the following compounds produced the following ^1H NMR spectrum? (4)



4. Which of the following compounds produced the following ^1H NMR spectrum?



5. Predict the splitting pattern for the signals in the ^1H NMR spectrum.



3