

IR Assignment Summer 2010

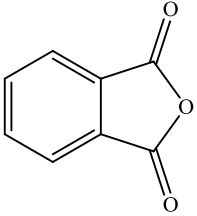
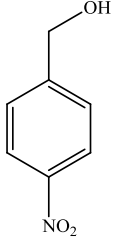
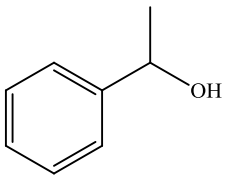
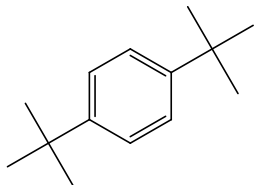
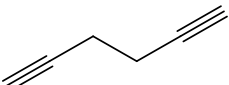
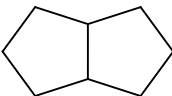

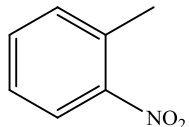
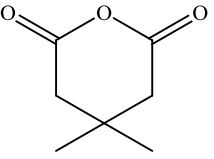
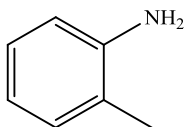
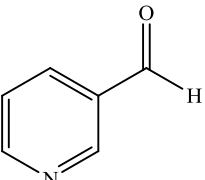
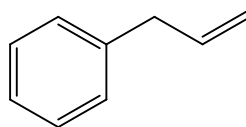
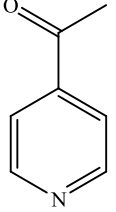
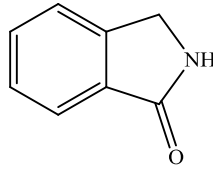
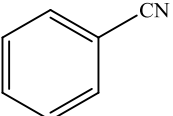
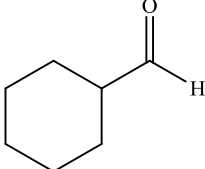
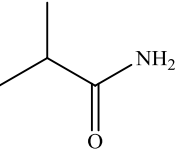
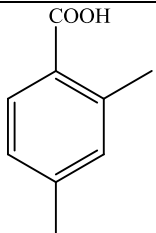
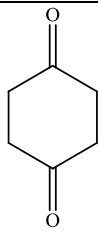
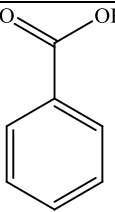
Name of Student:

Score: /40

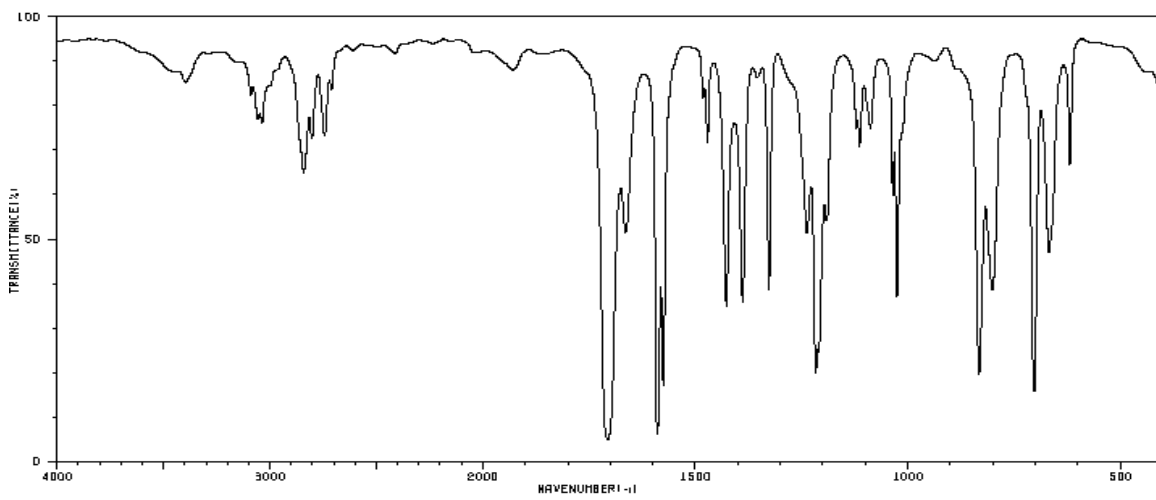
Student ID:

TA: Gregory Henry Isaac Timothy Section:

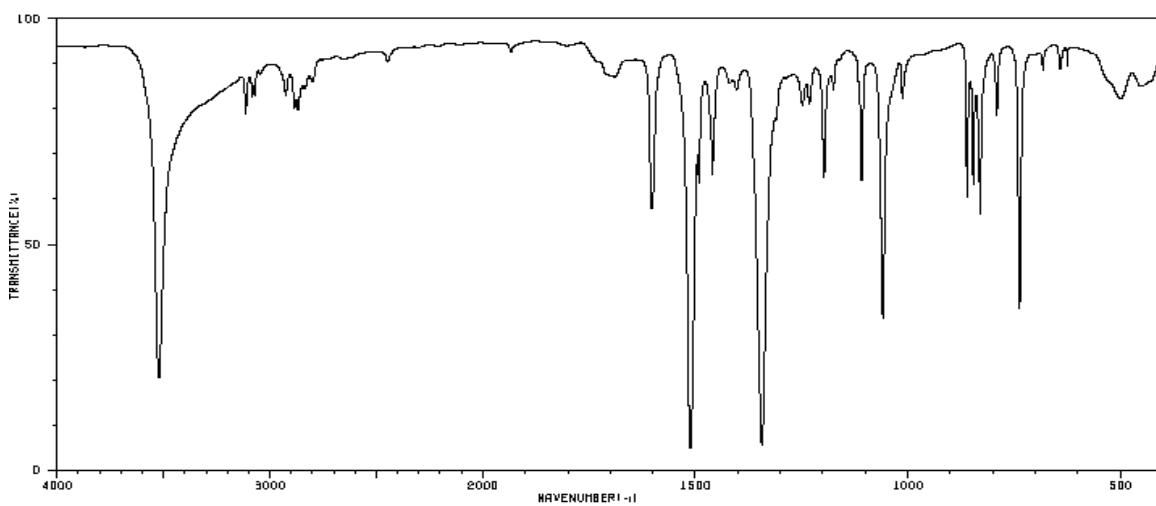
Identify the following spectra. Full credit is only given if the pertinent peaks are assigned on the spectrum (3-5 peaks). You do not have to indicate the appropriate wavenumber. Print out the entire assignment (=10 spectra) and turn in the entire package. Label the peaks on the spectrum and place the structure of the compound (from the table below, no numbering scheme) in the lower left hand corner of the spectrum. Leave the pages in order and do not print them out double-sided. Staple the assignment on the upper left corner. Circle your TAs name and make sure that you place your name on the assignment. Messy assignments will receive no credit at all. If you do not follow directions above, points will be taken off. The assignment is due on Friday, August 20, 2010 at 5:00 pm in your instructor's office (YH3077E) or the grey mailbox in the office suite. No late assignments will be honored. Good luck! ☺

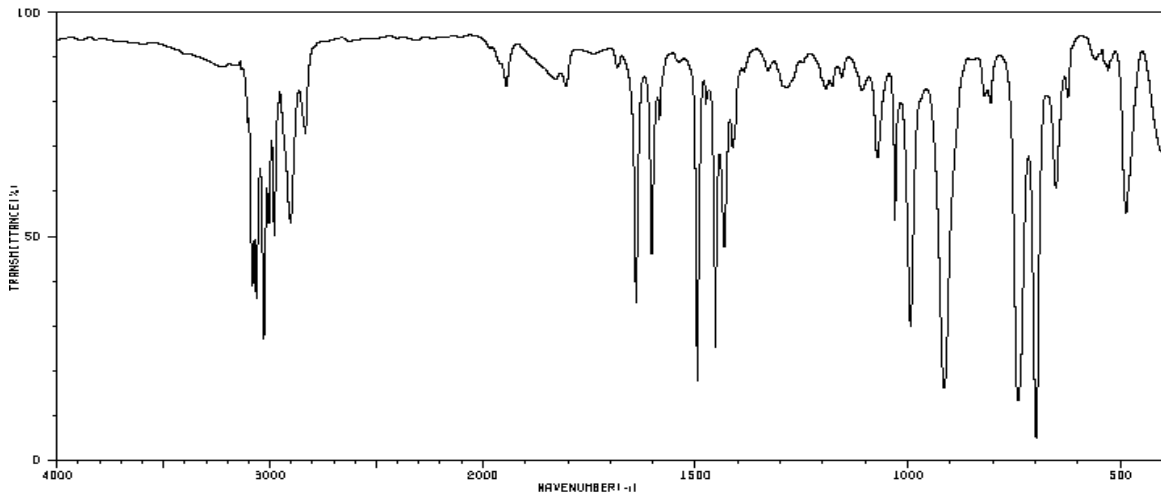
Spectrum 1:



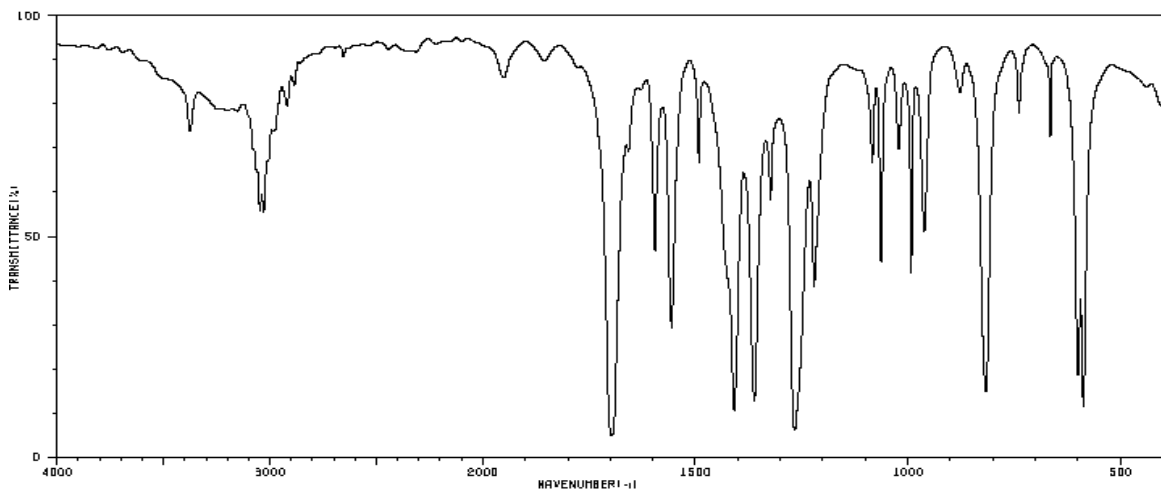
Spectrum 2:



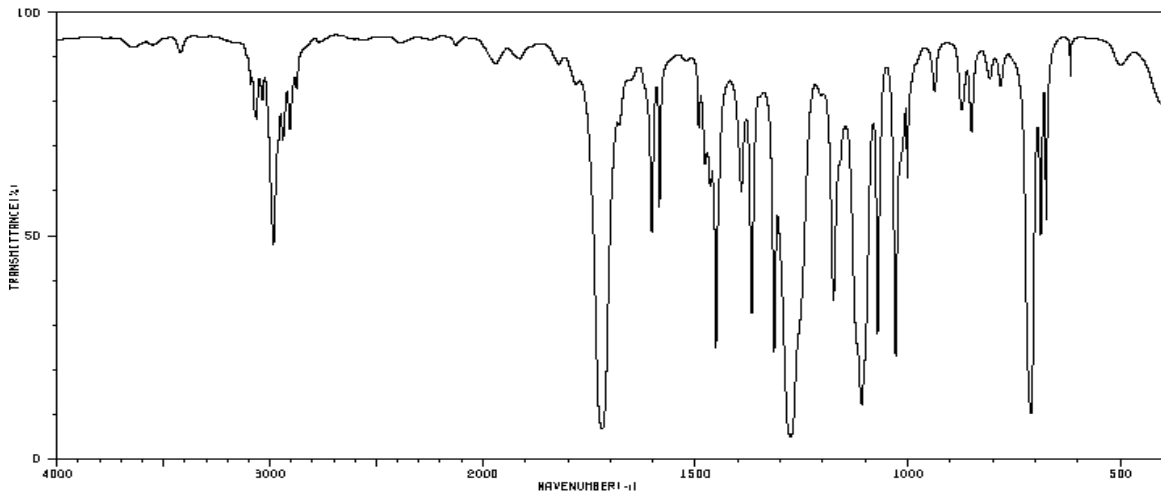
Spectrum 3:



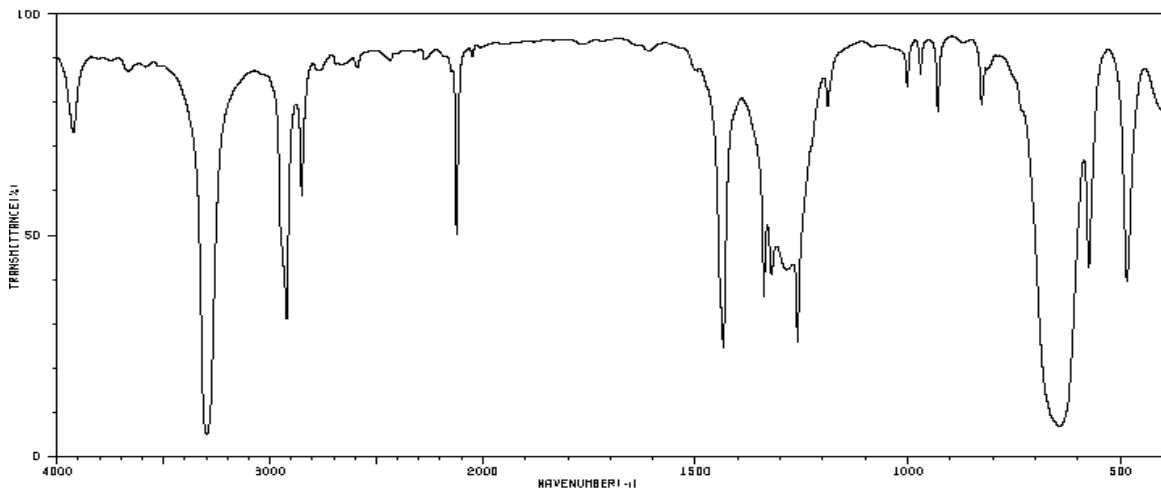
Spectrum 4:



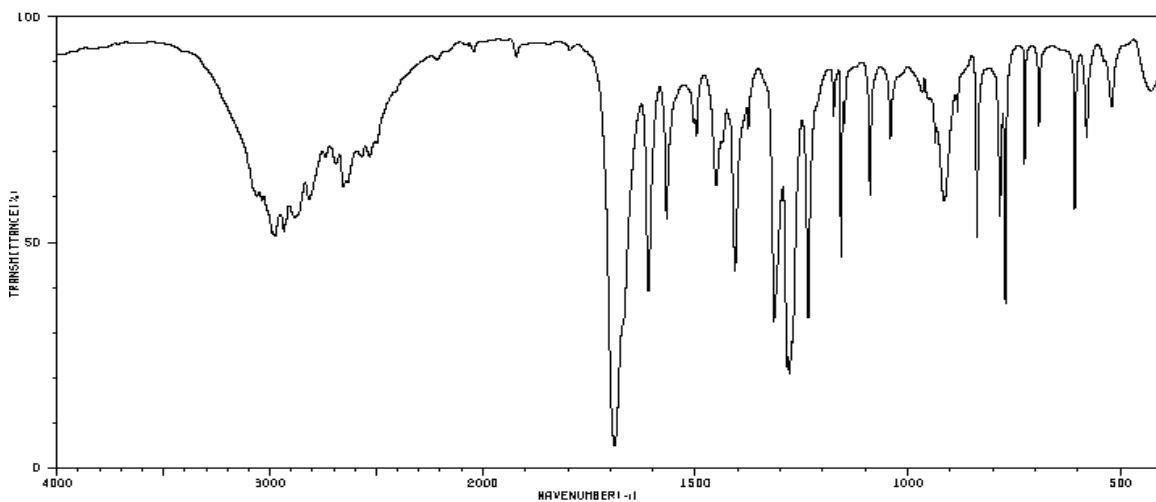
Spectrum 5:



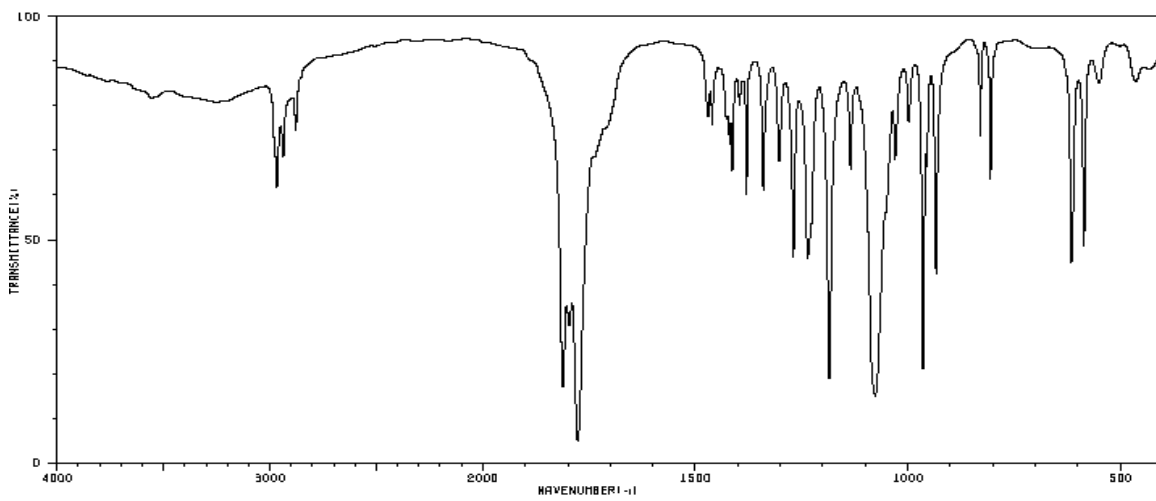
Spectrum 6:



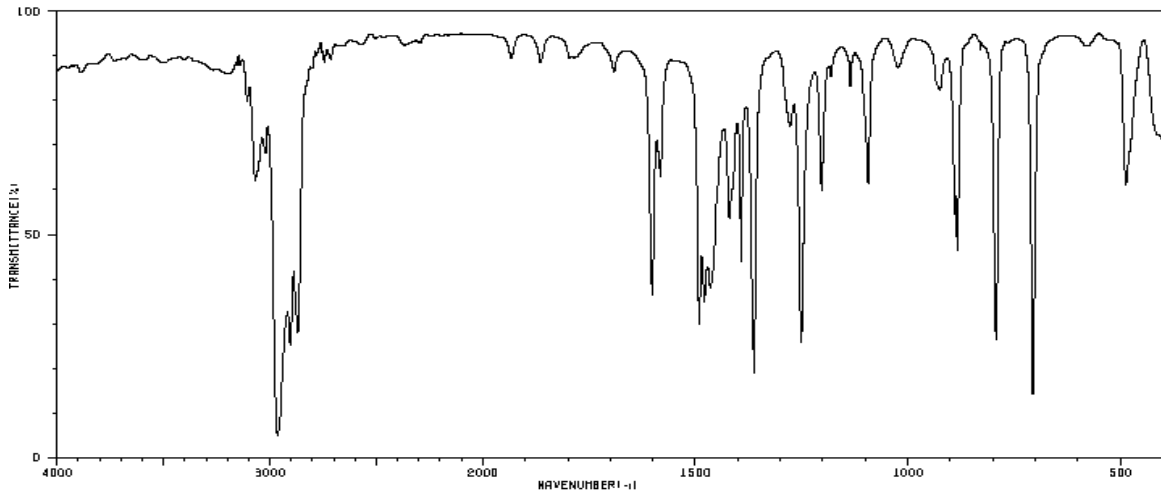
Spectrum 7:



Spectrum 8:



Spectrum 9:



Spectrum 10:

