

## Infrared Assignment Summer 2011

Name of Student:

Student ID:

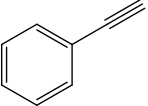
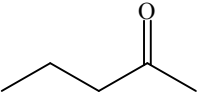
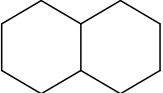
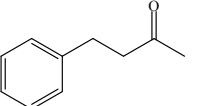
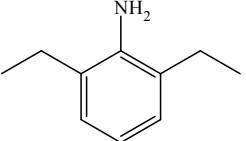
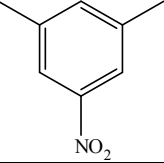
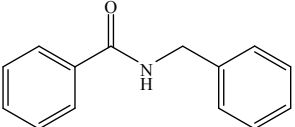
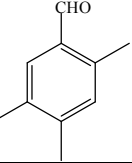
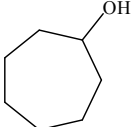
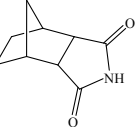
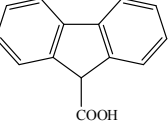
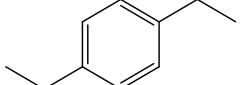
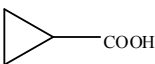
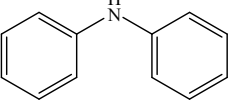
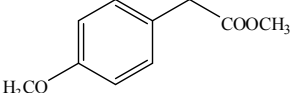
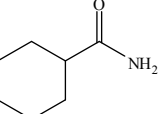
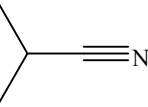
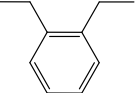
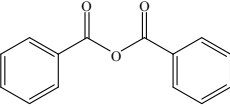
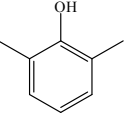
Section:

TA:           Dustin           Huan

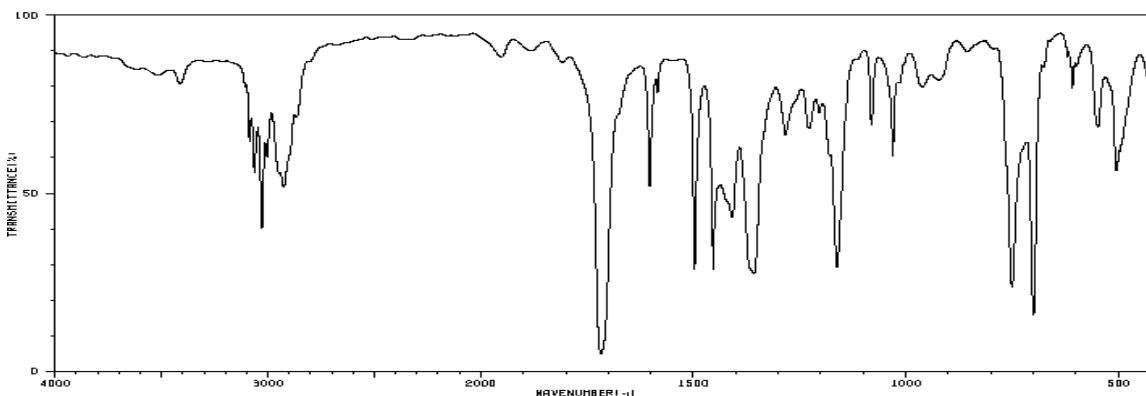
Kyle           Zhe

Score:       /40

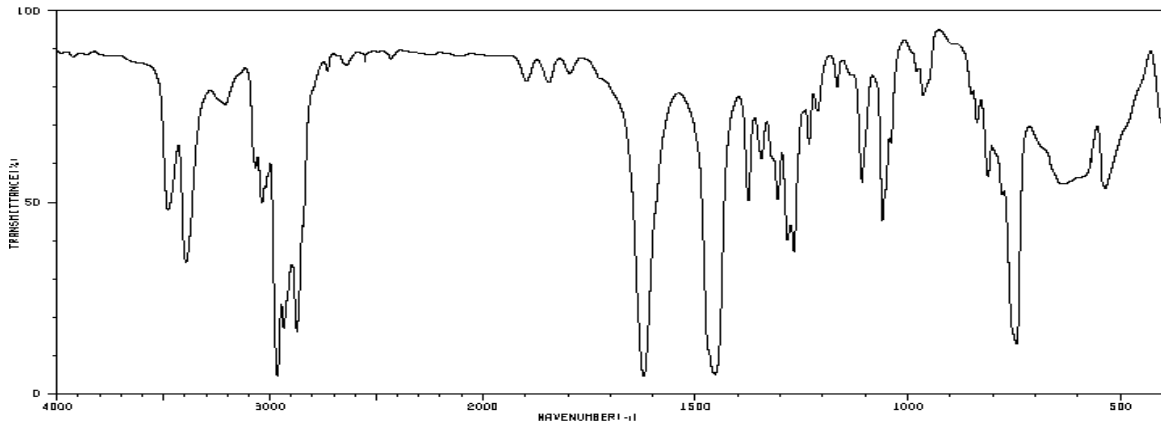
Identify the following spectra. Full credit is only given if the *pertinent* peaks are assigned on the spectrum (3-5 peaks). You do not have to indicate the appropriate wavenumber. Print out the entire assignment (=10 spectra) and turn in the entire package. Label the peaks on the spectrum and place the structure of the compound in the lower left hand corner of the spectrum (from the table below, no numbering scheme). 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. Neither will assignments without a name! If you do not follow directions above, points will be taken off. The assignment is due by **Friday, August 19, 2011 at 5:00 pm** in your instructor's office (YH 3077E) or the grey mailbox in the office suite (on the left side when you enter YH 3077). **No late assignments will be honored.** Good luck! ☺

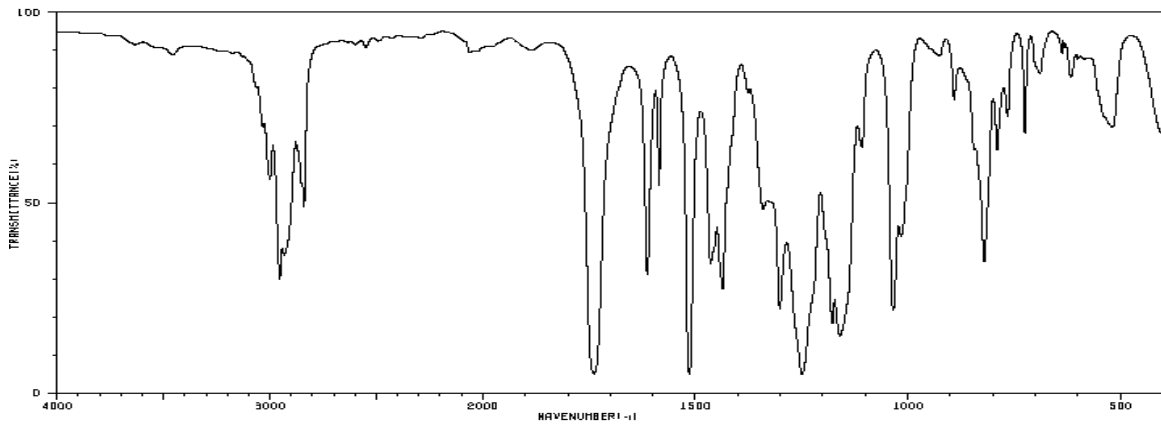
Spectrum 1:



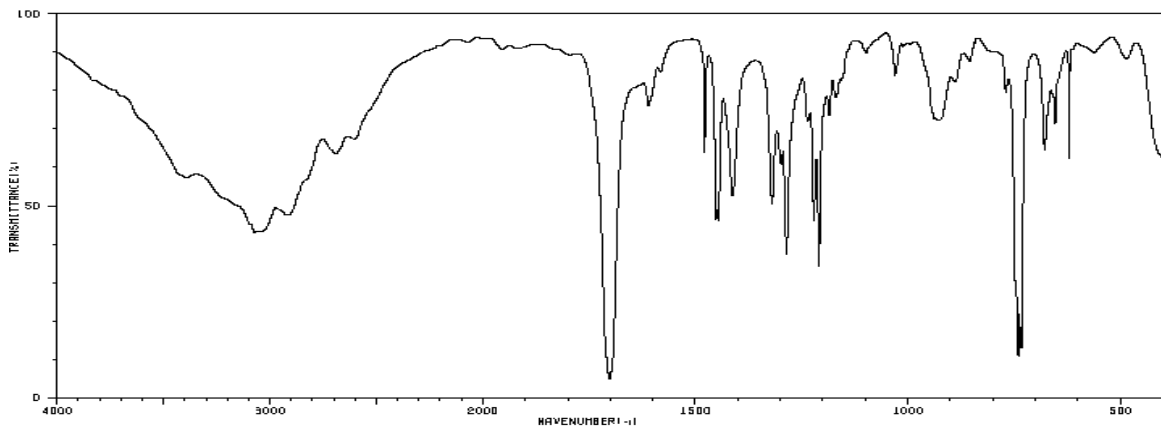
Spectrum 2:



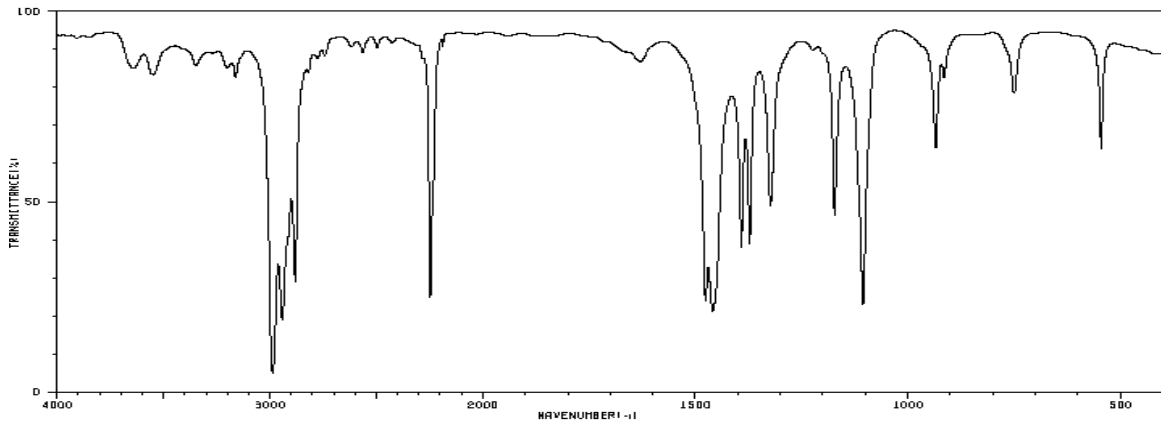
Spectrum 3:



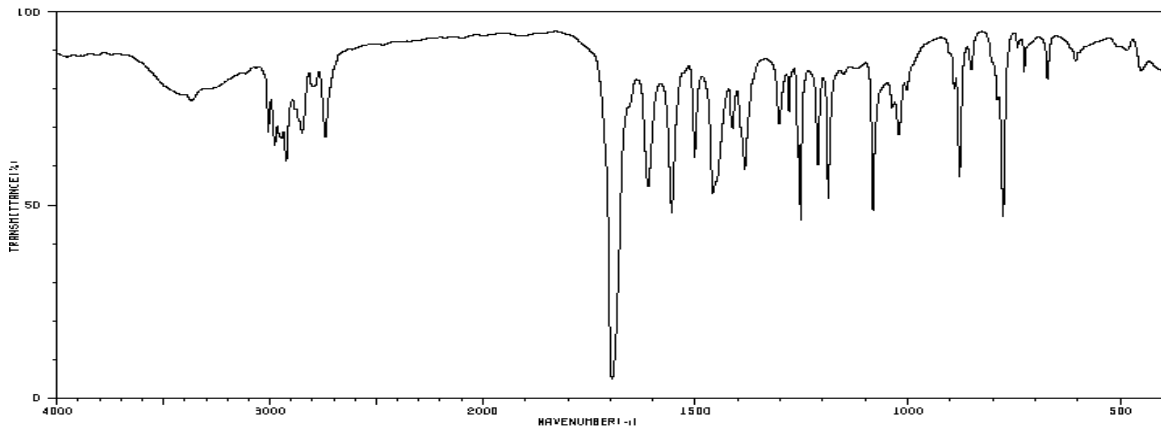
Spectrum 4:



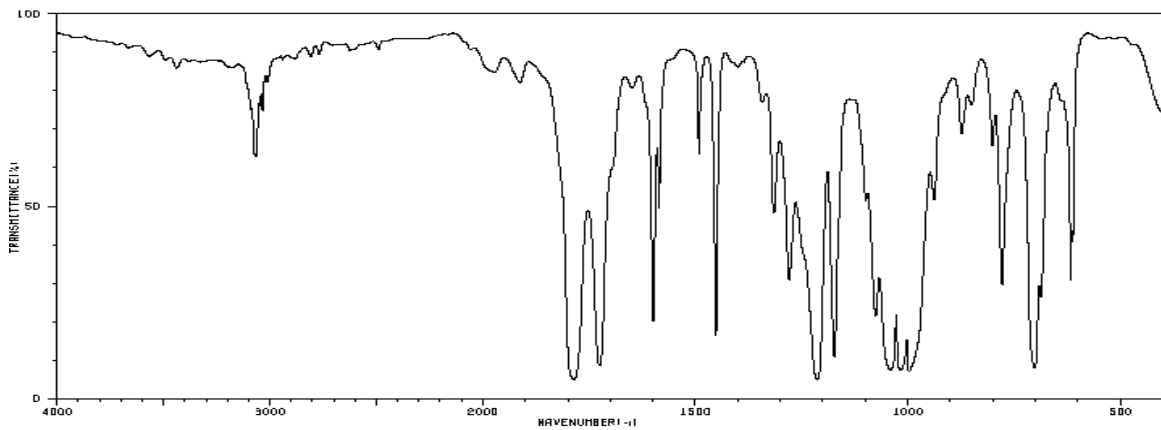
Spectrum 5:



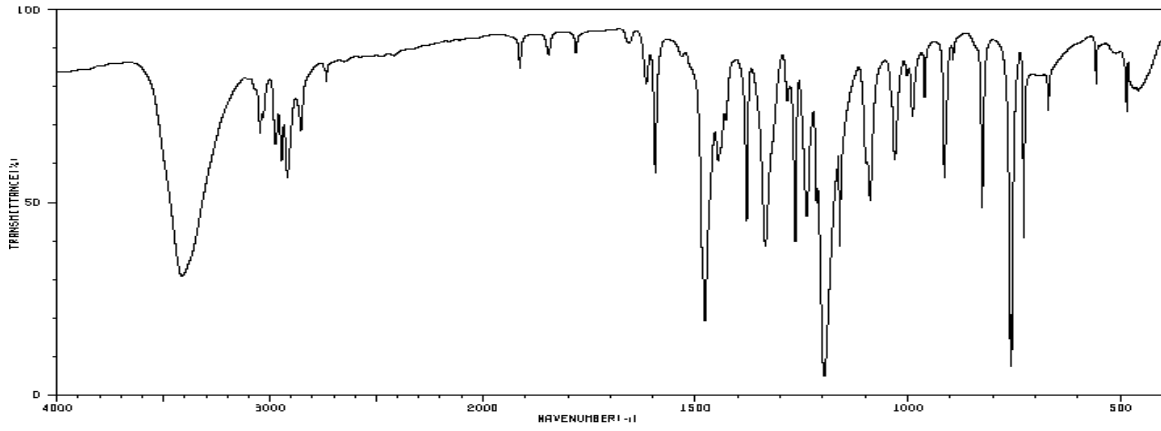
Spectrum 6:



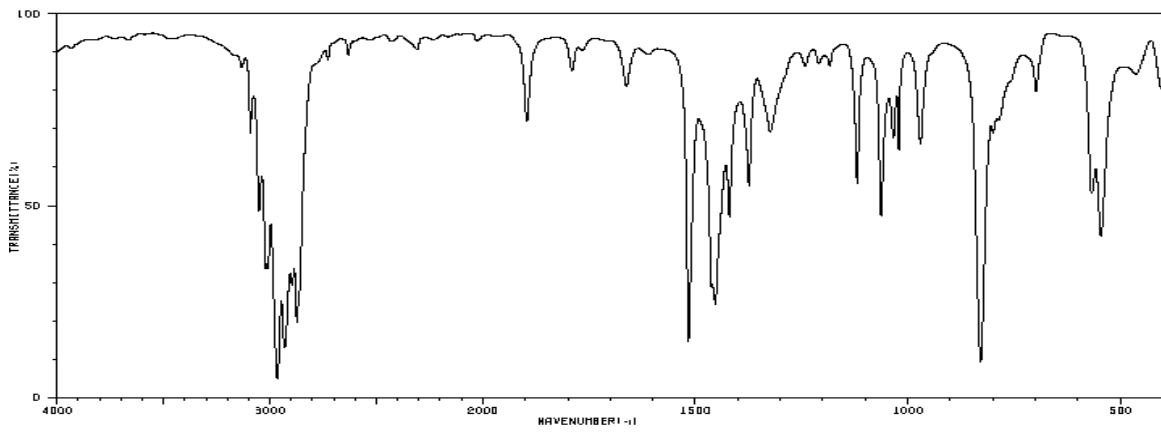
Spectrum 7:



Spectrum 8:



Spectrum 9:



Spectrum 10:

