

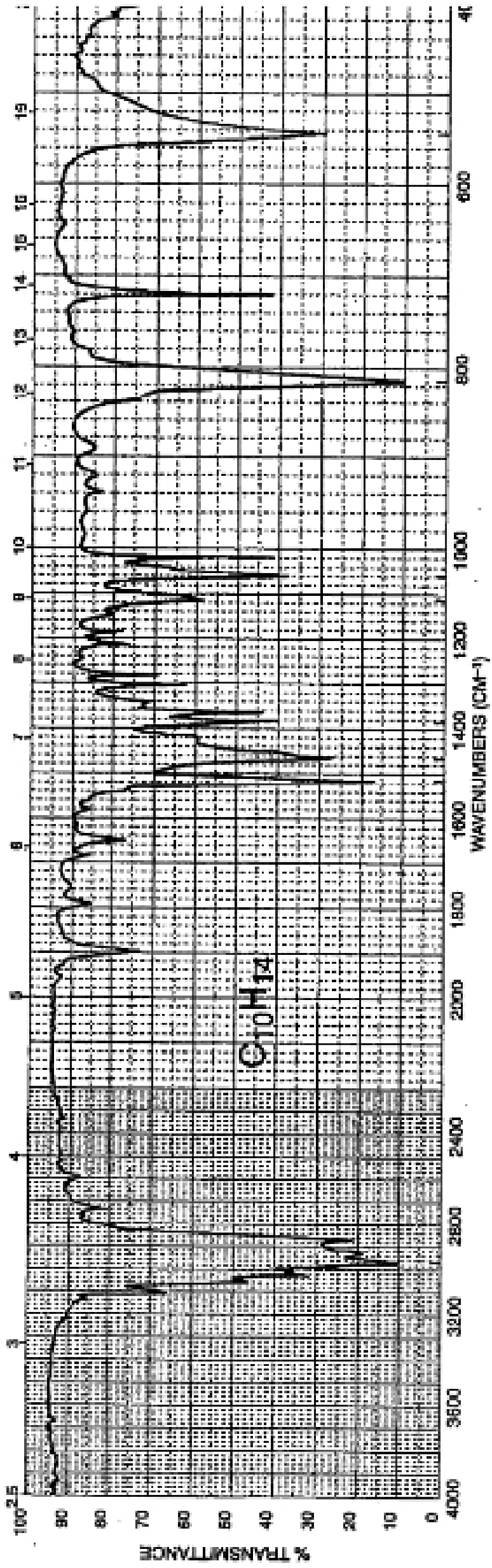
CHM 2212-Organic Chemistry II

Name \_\_\_\_\_ (1)

February 1, 2002

Quiz #3 (25 points)

1. (8) Draw a structure that is compatible with the following IR spectrum. The molecular formula is  $C_{10}H_{14}$ . You must show your work and reasoning below and on the spectrum.



2. (8) Draw a structure that is compatible with the following IR spectrum. The molecular formula is  $C_6H_{10}O$ . You must show your work and reasoning below and on the spectrum. Hint: the molecule does not contain any rings.