Term Test-II (3rd year 2nd semester exam. 2015)

Course Name: Chemistry of Natural Products (BMB 331)

Marks: 10, Time: 40 minutes, Date: 02.08.2015

Question	Marks
1. a. Define Bathocromic shift. How will you detect C=C-C=C by UV spectroscopy?	2.5
b. What do you mean by finger print region? Predic a IR spectrum of 1-hyydroxy propanone.	2.5
c. How does resonance occur in NMR spectroscopy? Predict NMR spectra of allylbromide.	2.5
d. What is Mclafferty rearrangement? show the fragmentation pattern of 2-pentene.	2.5