

Kandi Raj College

Department of chemistry

Part-I Hons Practical Exam

Paper : CHEMH 3(pr)

1. Write down test for free unsaturation, Lassaigne test, test for nitrogenous and non nitrogenous functional group for any two of the following compounds :. 20x2 = 40

a. Cinnamic acid. b. P-nitro phenol.

c. m-dinitrobenzene

2. Briefly discuss the procedure of nitration of nitrobenzene using mixed acid. Give appropriate mechanism. 10