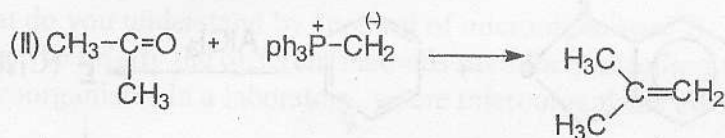
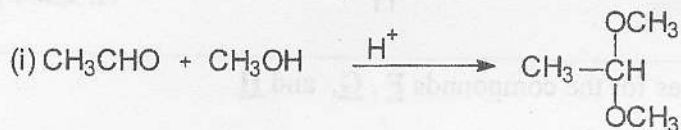


EASTERN UNIVERSITY, SRI LANKA
SECOND EXAMINATION IN SCIENCE – 2004/2005
FIRST SEMESTER (Jan. 2006)
CH204 REACTION MECHANISM AND AROMATICITY

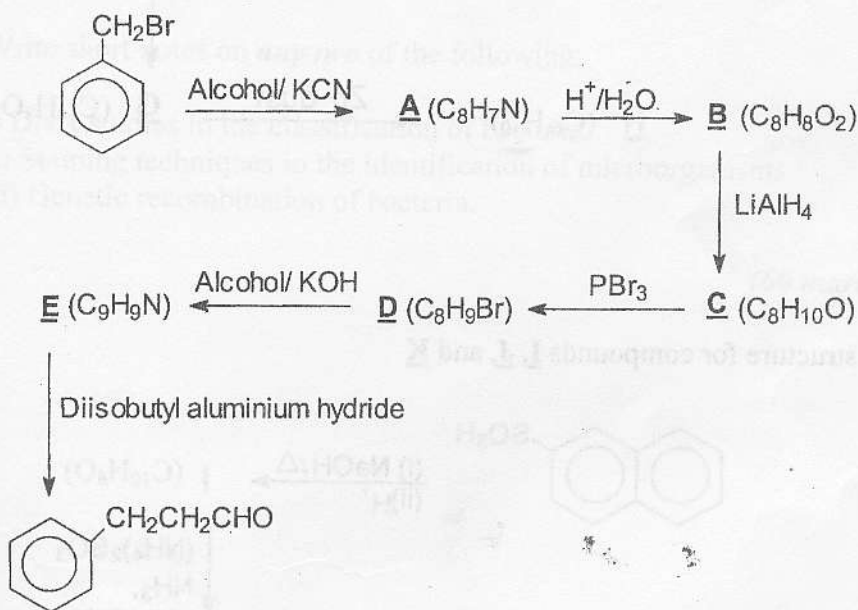
Answer all questions

Time: 01 hour

(1)(a) Write a mechanism for the following



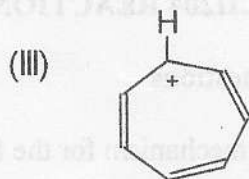
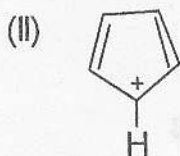
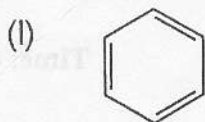
(b) Give the structure for compounds A-E



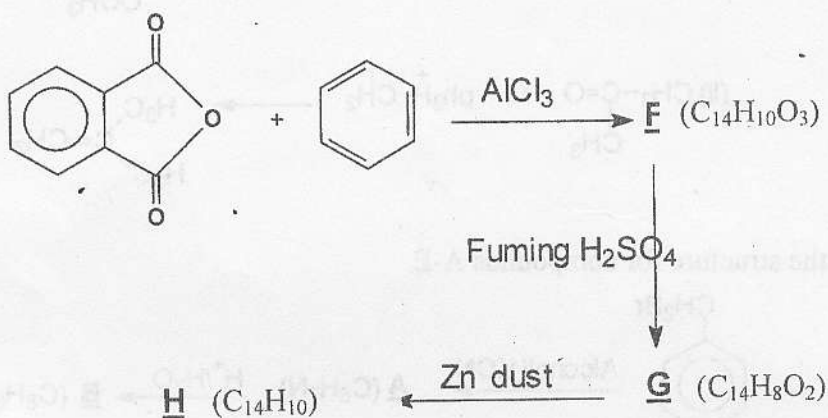
Cont..

(2) (a)(i) State Huckel's rule?

(ii) Determine whether the following compounds are aromatic or not, by using Huckel's rule.



(b)(i) Give the structures for the compounds **F**, **G**, and **H**



(ii) Give the structure for compounds **I**, **J**, and **K**

