



Symbol of Secularism  
& National Integration

ANJUMAN-I-ISLAM'S  
KALSEKAR TECHNICAL CAMPUS, NEW PANVEL

School of Pharmacy

Approved & Recognised by: All India Council for Technical Education and Council of Architecture, New Delhi  
Directorate of Technical Education, Govt. of Maharashtra Affiliated to: University of Mumbai

S. Y. B. Pharm. (Semester -III)  
Periodic Theory Examination (2012 - 2013)

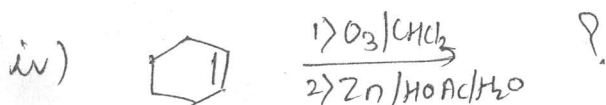
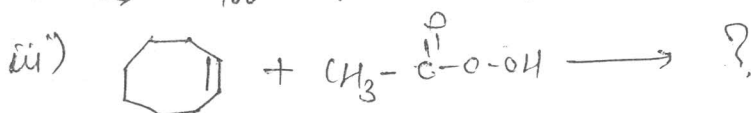
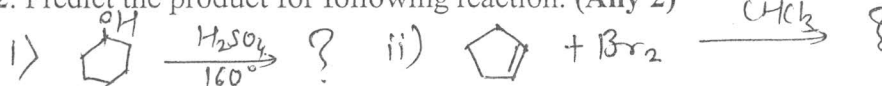
Subject: Organic Chemistry-I  
Time: - 11.00 am-12.00 pm

Date: - 2/9/2013  
Marks: 15M

Q1. Explain following reaction with mechanism (Any 2) 3M

- i) Nitration      ii) Elimination-Addition reaction      iii) Halogenation of alkanes

Q2. Predict the product for following reaction. (Any 2) 2M



Q3. State whether following compounds are aromatic or nonaromatic on the basis of Huckel's rule. (Any 2) 2M



Q 4. What is carbanion? Which is the most reactive carbanion and why? 2M

Q 5. What is carbocation? Why tertiary carbocation is most stable? 2M

Q6. What is resonance effect? Discuss positive and negative (+R; -R) effect with example. 2M

Q7. What is homolytic and heterolytic fission? Describe with example 2M