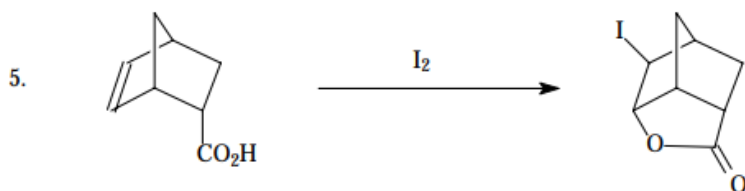
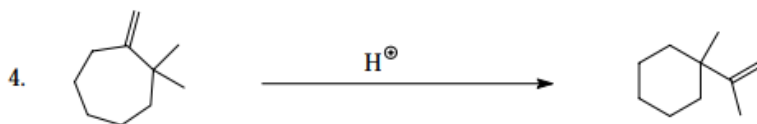
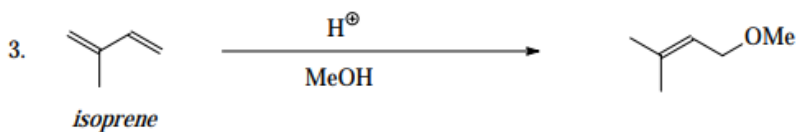
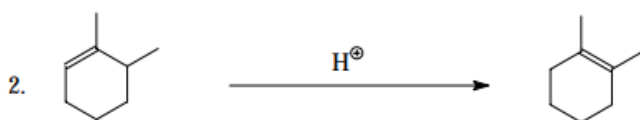
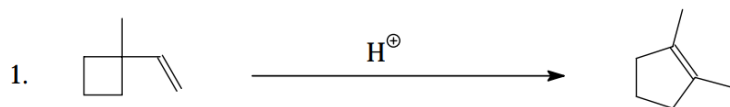


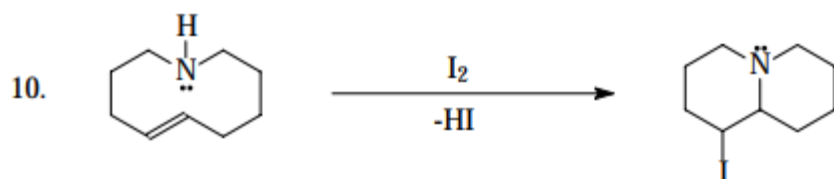
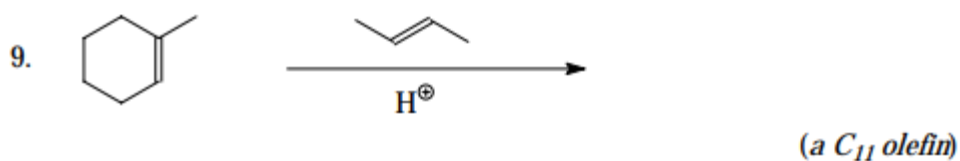
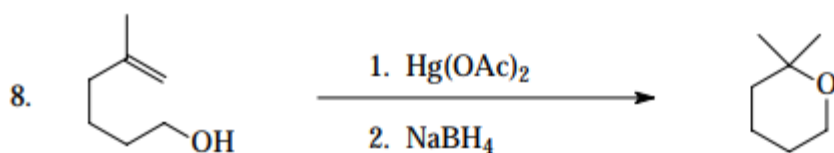
Reactions of Alkene: Assignment for B.Sc. Part I

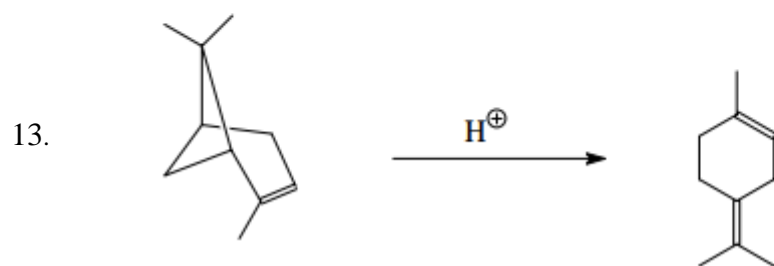
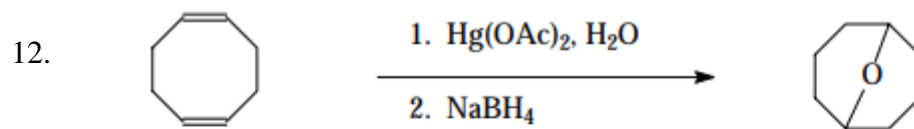
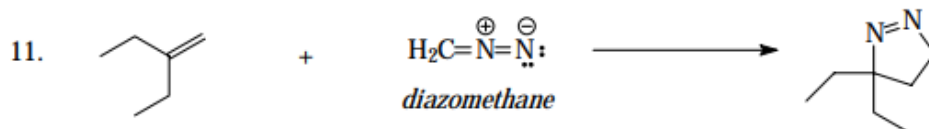
Assembled by:
Dr. Ambika Kumar
Asst. Professor in Chemistry,
B. N. College Bhagalpur
E-mail ID: kumarambika.1115@gmail.com

Outline a detailed mechanism for each of the following. No other reagents than those given are necessary. Use arrows to explain the flow of electrons and show all intermediates. NO WORDS!



6. Isobutylene in the presence of excess propylene and a trace of acid yields C_7H_{14} . Deduce this product.





14. Reaction of **A**, $\text{C}_{10}\text{H}_{16}$, with H_2/Pd yields **B**. When treated with KMnO_4 , a brown precipitate forms. When **A** is treated with ozone followed by zinc in acid, compound **C** and another product are produced. What are the structures of **A** and the other ozonolysis product?

