

Gurudas College
 Department of Chemistry
 Internal Assessment 2020
 SEM-III
 Paper: CC-3-7Th

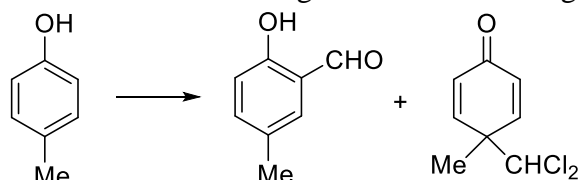
Time: 30 Minutes

FM: 10

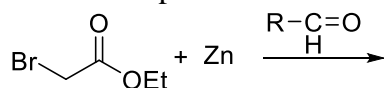
Answer any ten questions of the following:

10×1=10

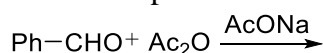
1. Predict the suitable reagent for the following reaction.



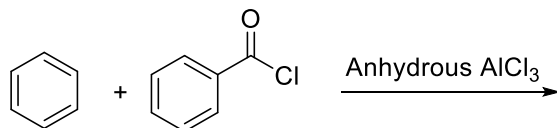
2. Which product is formed on treatment of dimethyl malonate with propyl bromide/NaOEt?
 3. What is the product of the following conversion?



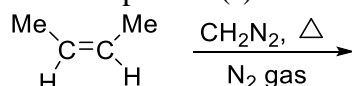
4. Predict the product of the following transformation.



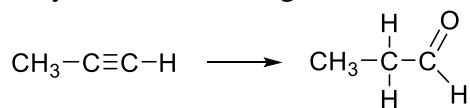
5. Write an example of Wittig reagent.
 6. Give the product of the following reaction.



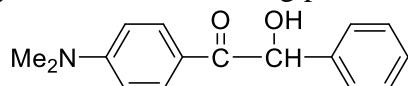
7. Give the product(s) of the following reaction.



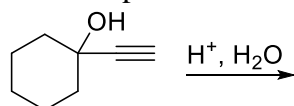
8. Carry out the following transformation.



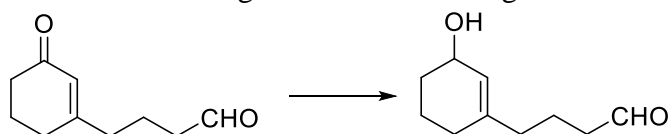
9. Synthesize the following product using benzoin condensation.



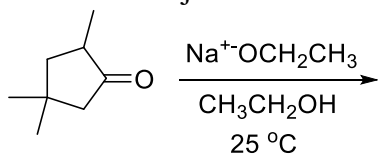
10. Give the product of the following reaction.



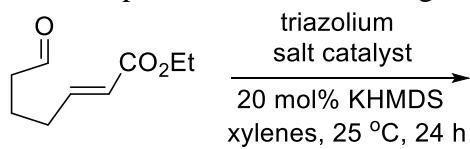
11. Find the suitable reagent for the following reaction.



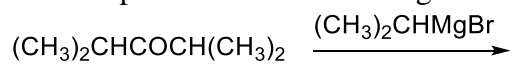
12. What is the major enolate formed in the following reaction?



13. Give the product of the following reaction.



14. Find the product of the following reaction.



15. What is the product of the following reaction?

