

UG 3rd Semester Examination 2022

Karimpur Pannadevi College

CHEMISTRY [HONOURS]

Organic Chemistry (Internal Assessment)

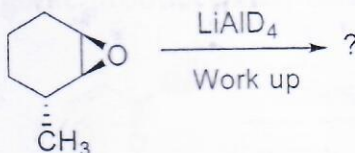
Course Code: CHEMHT-7

Full Marks: 10

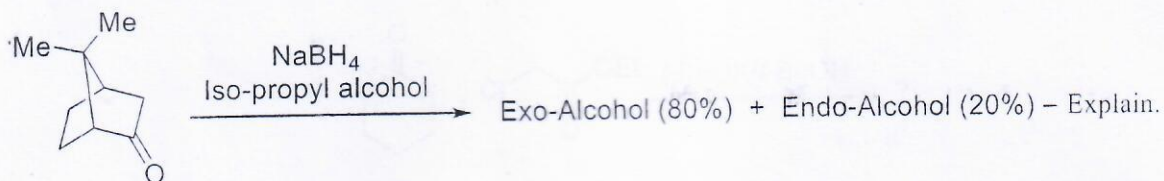
Answer any five questions

[5 X 2 = 10]

1. Write the structure of the organic product of the following reaction.



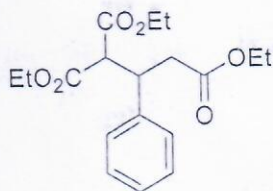
2.



3. Convert:



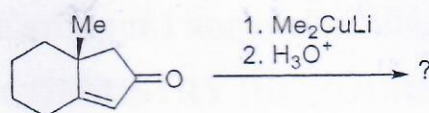
4. Show how the following product might be synthesised from suitable Michael donor-acceptor.



5. Convert:

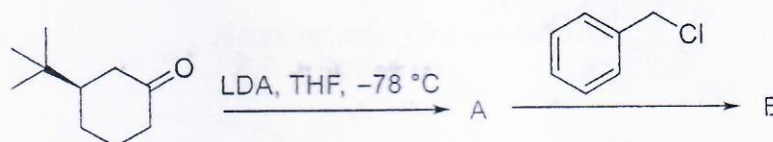


6. Write the structure of the organic product of the following reaction.

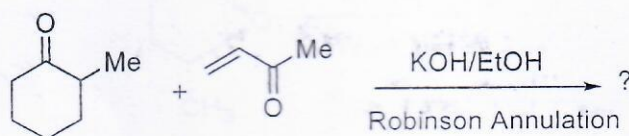


7. Acetals are stable towards alkaline hydrolysis but susceptible to acid hydrolysis—Explain.

8. For the following scheme of transformations, draw the structures of A and B.



9. Write the structure of the organic product of the following reaction.



10. Complete the followings with suitable mechanistic routes

