Mid Sem Exam for Organic Chemistry: Fundamentals and Applications (CSO201A)

Total Marks: 25 **Time: 120 min**

Instructions:

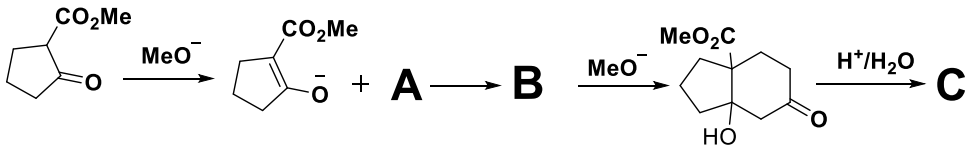
1. Give clear and concise answers to the questions. **DO NOT WRITE LONG PARAGRAPHS**.
2. Answer all the questions.
3. There is no negative marking.

Name: Roll number:

1.	2.	3.	4.	5.

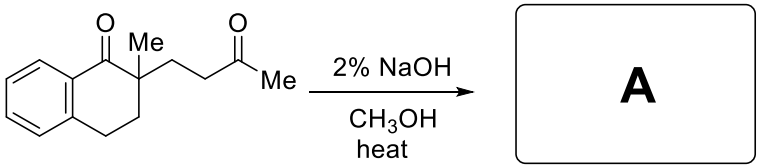
6.	7.	8.	Total

1) Find the product(s) **A, B** and **C** for the given reaction. **3 Marks**



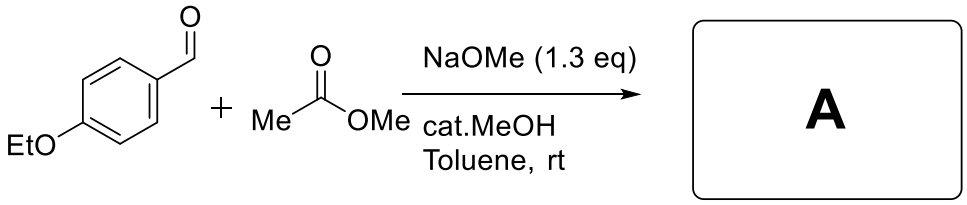
A	B	C

2) Desired product for the given reaction is? **2 Marks**

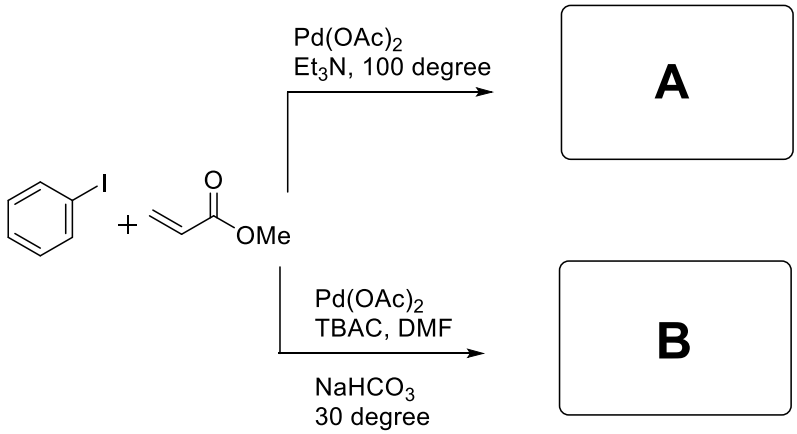


A

3) Find the correct product for the given reaction. **2 Marks**

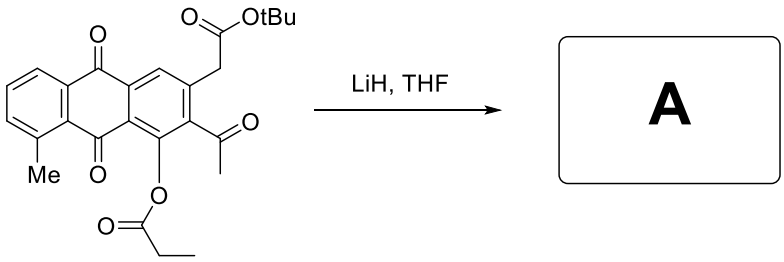


4) Identify product(s) **A** and **B** for the given reaction. **2 Marks**



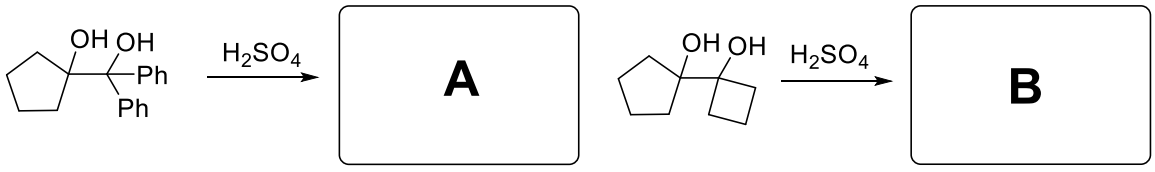
5) Identify product for the given reaction and write the detailed mechanism.

4 Marks

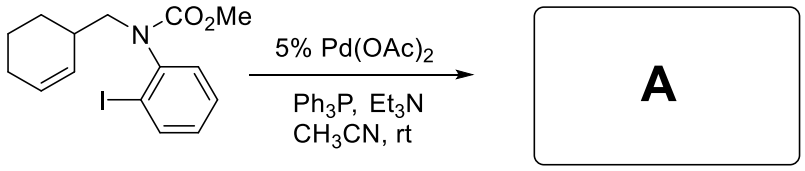


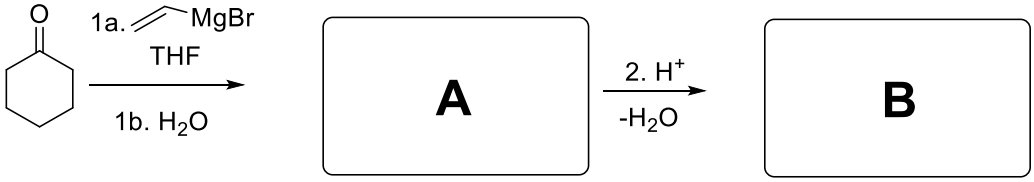
6) Identify product for the given reaction and give the mechanism for the product **B**.

4 Marks



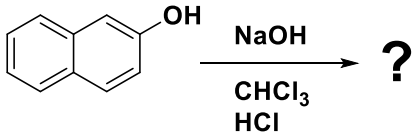
7) Identify product(s) for the given reactions. **4 Marks**

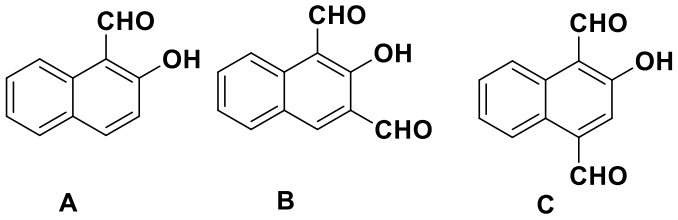




8) Choose the desired product for the following reaction? **2 Marks**

a)





a) A
b) B
c) C
d) A and B
e) A and C

b) What is the product **A** in given reaction? **2 Marks**