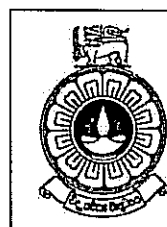


The Open University of Sri Lanka
 B.Sc Degree / Stand Alone Programme 2011 /2012
 Organic Chemistry II – CMU3120
 Level 5 - Continuous Assessment Test II
 Duration 1½ Hours

Reg No

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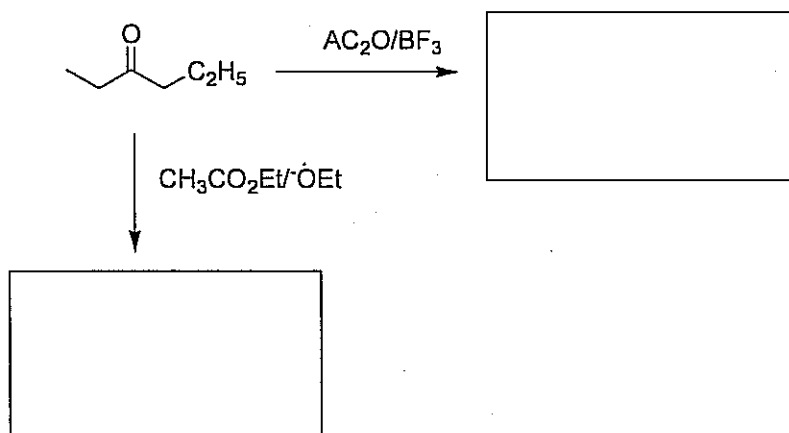
Q	Marks	
	Max	Awarded
1	20	
2	30	
3	30	
4	20	
Total		

Friday 28th October 2011

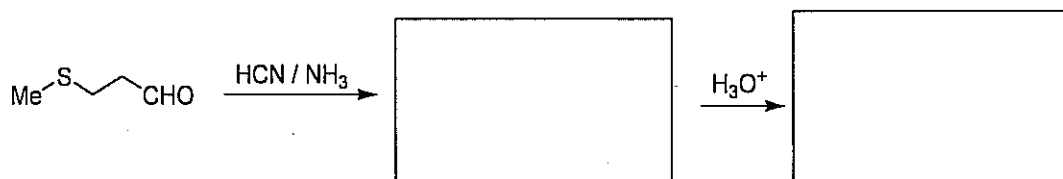
Time : 4.00 p.m. – 5.30 p.m.

1 Give the products of the following reactions

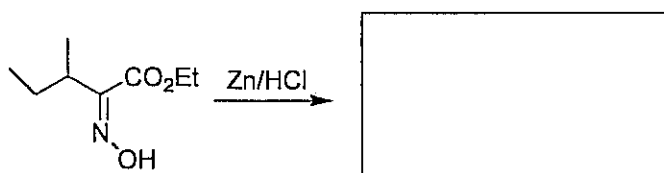
(a)



(b)



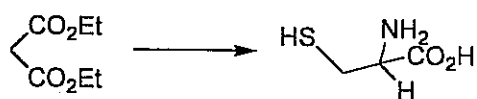
(c)



(Marks 20)

2. Show how you carry out the following conversions (may involve more than one step)

(a)



(b)

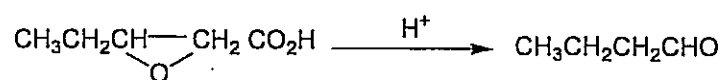


(Marks 20)

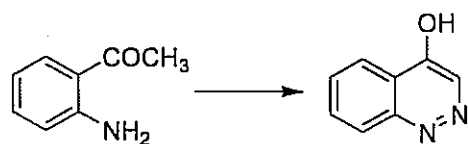
(Marks 10)

3 Indicate clearly the mechanisms of the following reactions

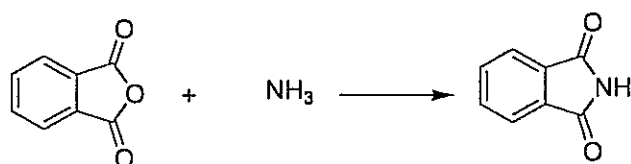
(a)



(b)



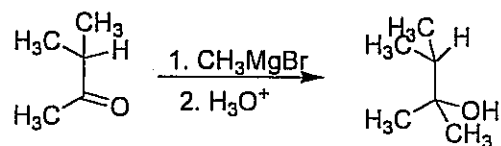
(c)



(Marks 30)

4. Giving appropriate mechanism, explain why the following reaction does not occur

(a)



(Marks 20)

Reg No

Name

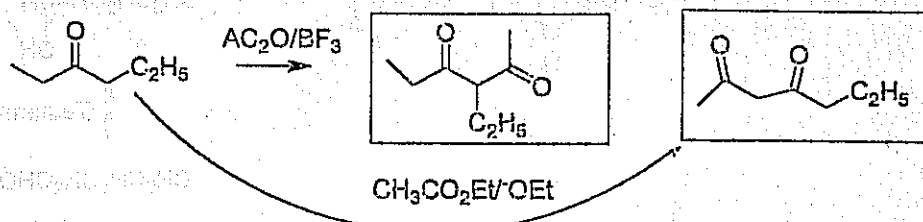
Address

.....

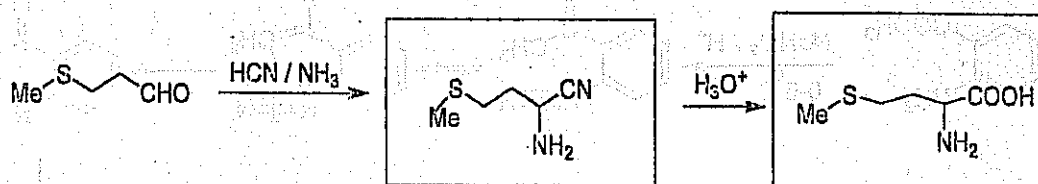
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Organic Chemistry II – CMU3120
Level 5 - Continuous Assessment Test II Answer Guide

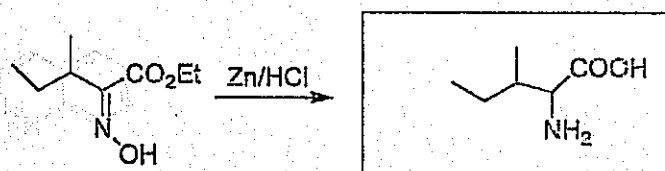
1 (a)



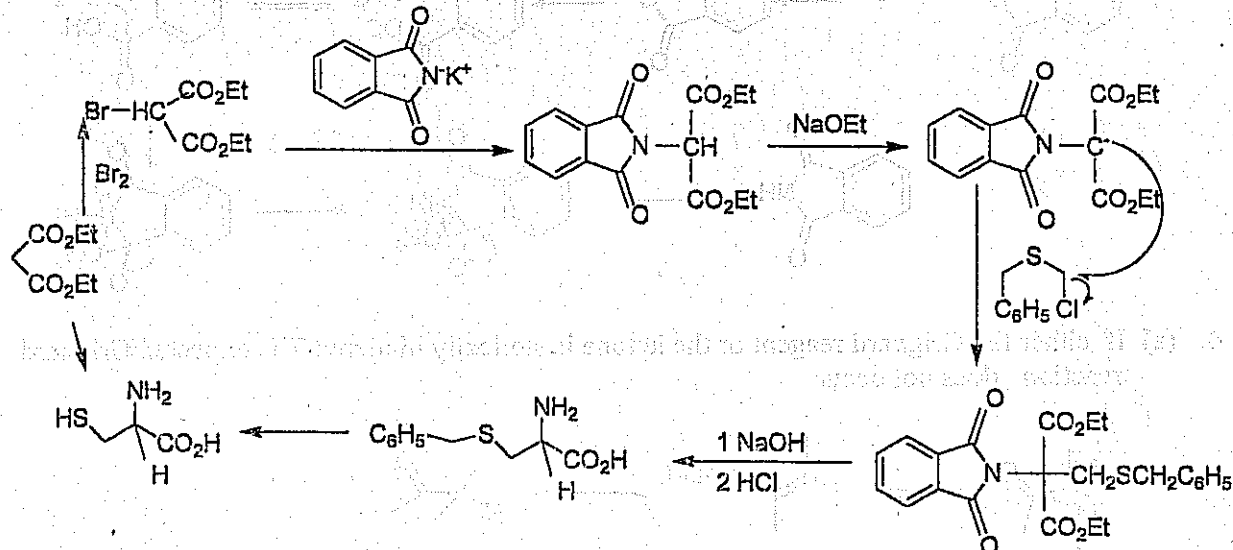
(b)



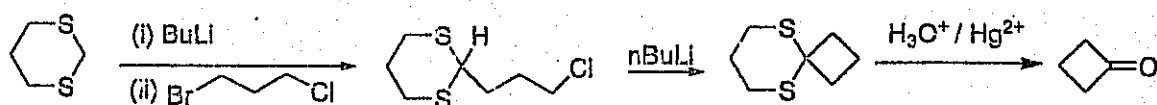
(c)



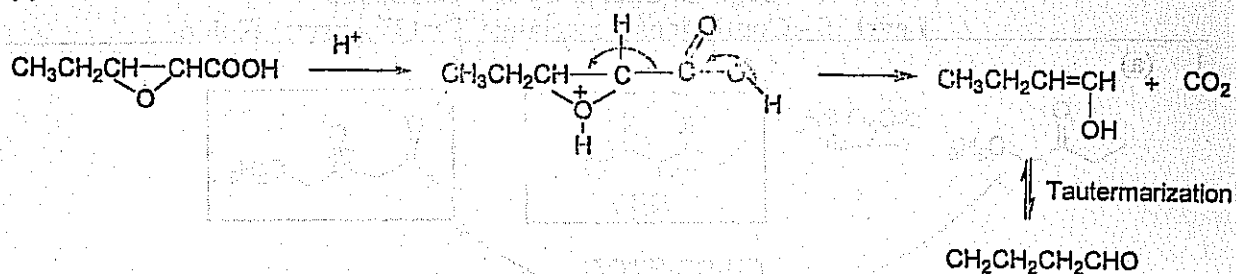
2. (a)



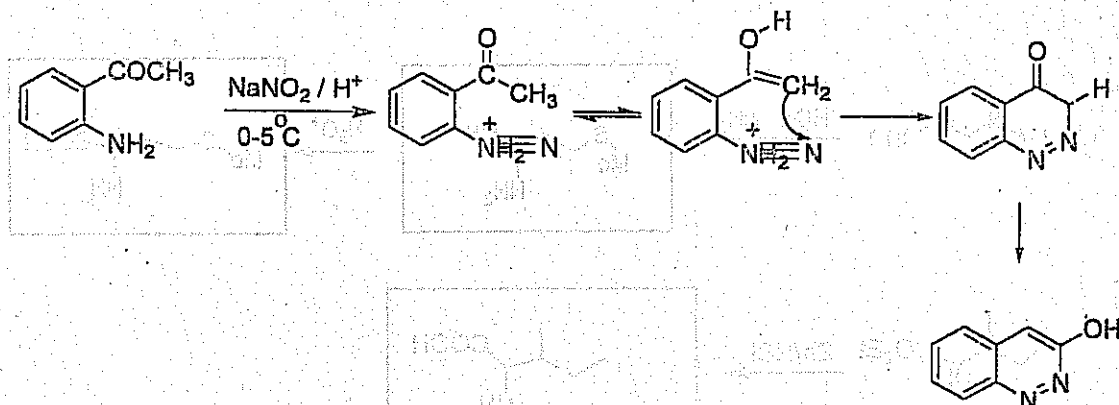
(b)



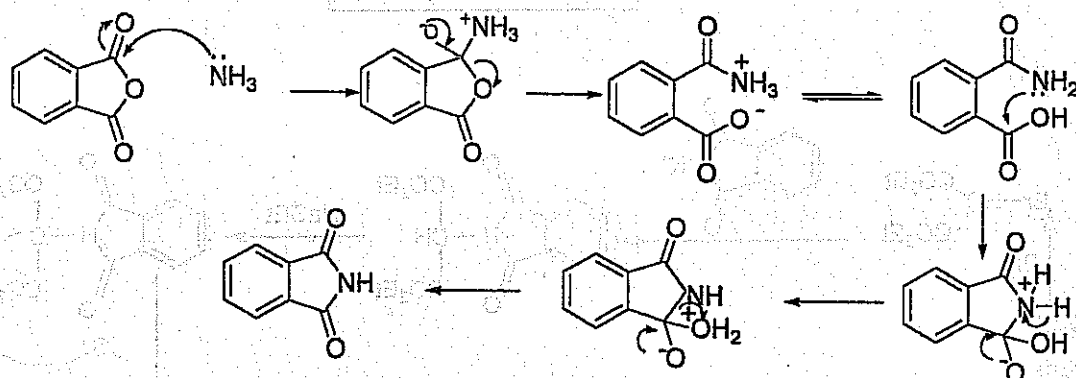
3. (a)



(b)



(c)



4. (a) If either the Grignard reagent or the ketone is sterically hindered The expected Grignard reaction does not occur

