

Reg. No:

The Open University of Sri Lanka
 B. Sc Degree / Stand Alone Programme 2006/2007
 Organic Chemistry - CHU 3126 / CHE 5136
 Level 5 - Assignment II - Test
 Duration 1½ hours



Q	Marks	
	Max	Awarded
1	20	
2	35	
3	10	
4	40	
Total		

Thursday, 25th January 2007

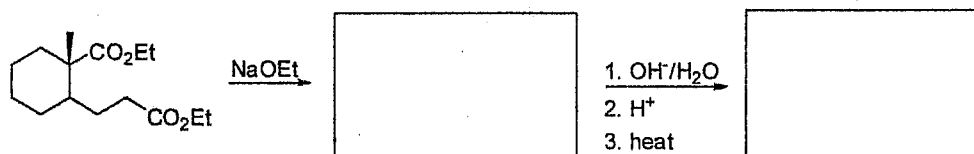
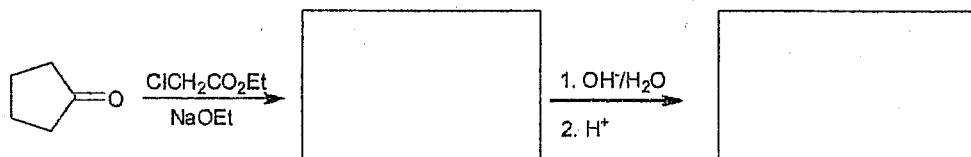
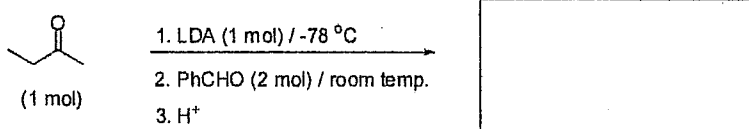
3.30 – 5.00 p.m.

Answer all questions.

Maximum marks allocated to this paper are 105. However a candidate who scores 100 marks or above will be awarded 100% and those scoring less will be awarded the score they make.

1. Give the structures of the products of the following reaction schemes.

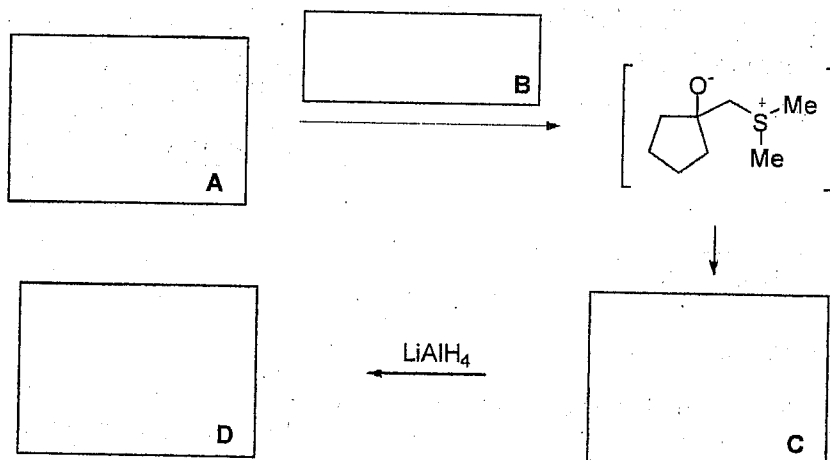
(20 Marks)



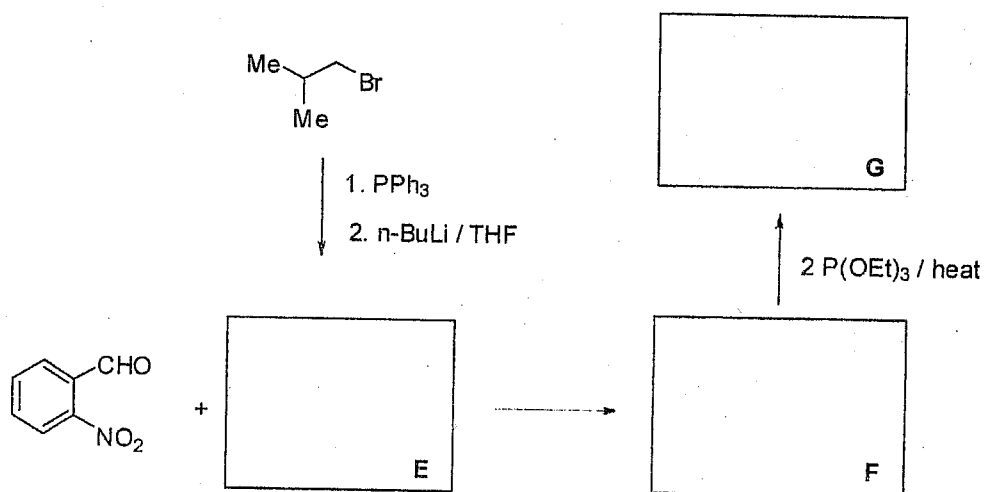
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2. Give the structures of compounds / reagents (A – G) of the following reaction schemes (35 Marks)



(b)

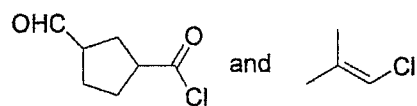
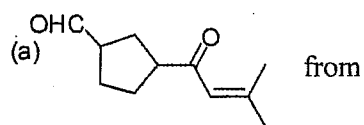


3. Show how you would use Ritter reaction to prepare $(\text{CH}_3)_3\text{C-NH}_2$ from $(\text{CH}_3)_3\text{COH}$ (10 Marks)

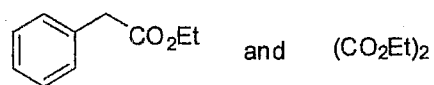
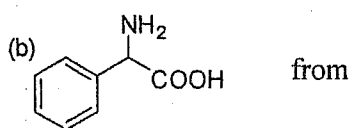
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4. Show how you would carry out the following syntheses.



(20 Marks)



(20 Marks)