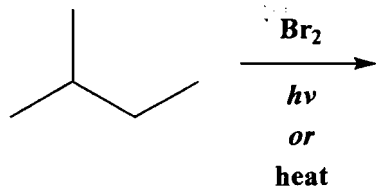
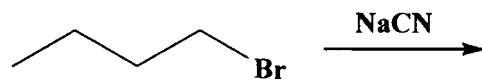


**(I) Give the structures of the major organic products of the following reactions : 3 points each**

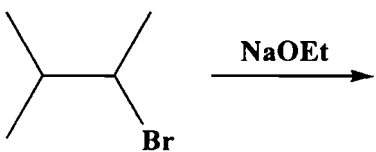
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(2)



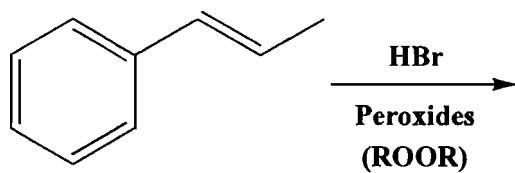
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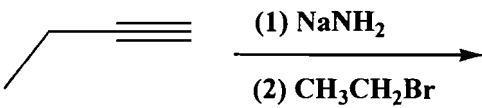
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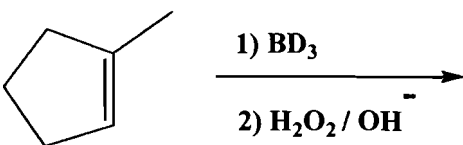
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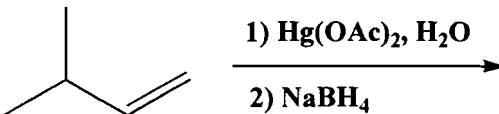
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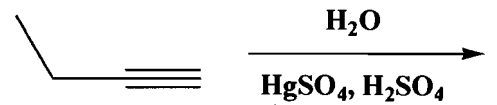
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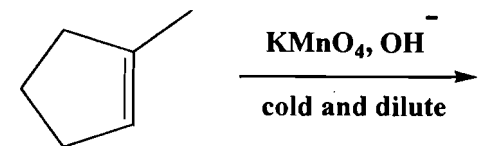
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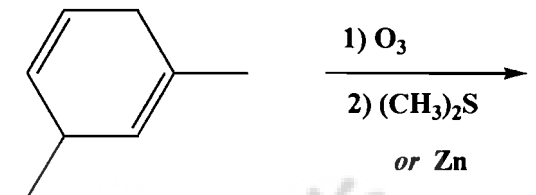
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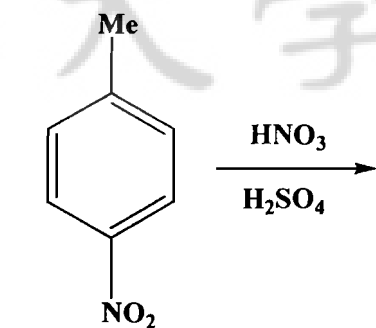
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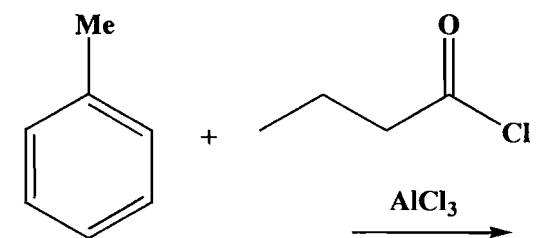
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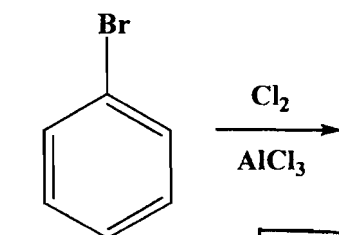
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(13)



(14)



p.p.1

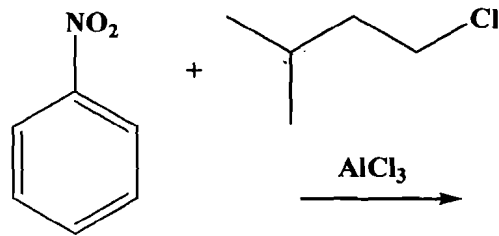
中國文化大學 99 學年度轉學招生考試

系組：化學系三年級

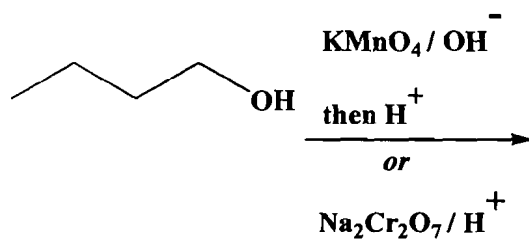
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科目：有機化學 (132-23)

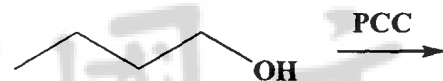
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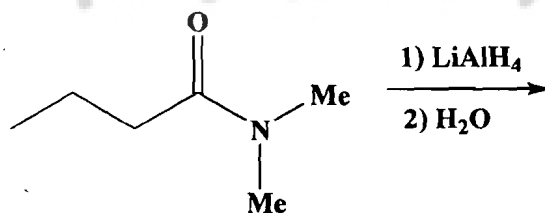
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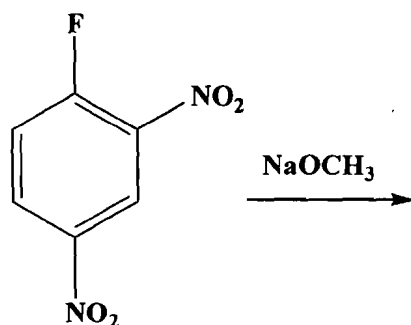
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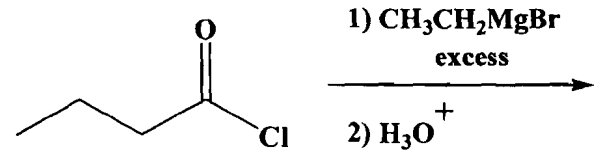
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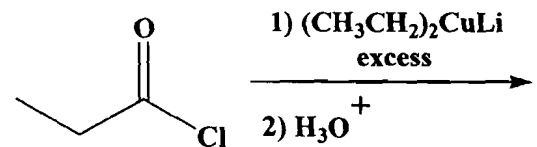
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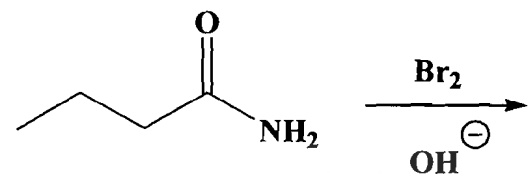
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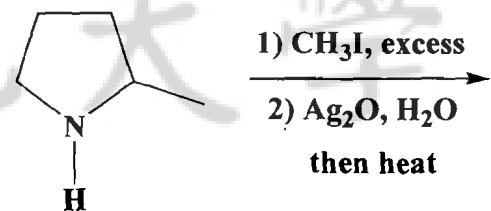
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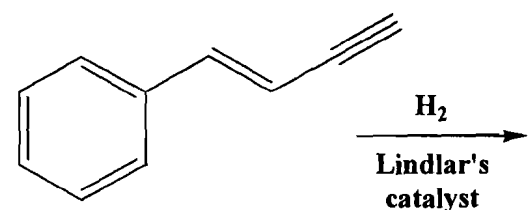
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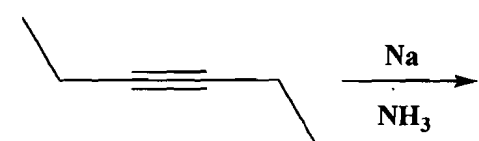
(23)



(24)



(25)



(II) Define the following terms:

- (a) *Organic Chemistry* (5%)  
 (b) *Functional Groups* (10%)  
 (c) *Sigma bond and pi bond* (10%)

本試題採  
双面印刷

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