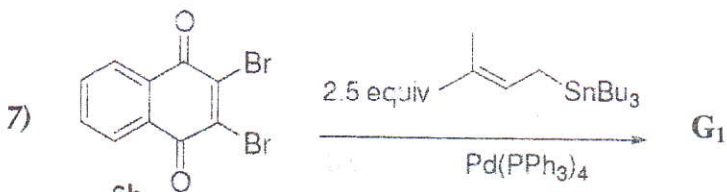
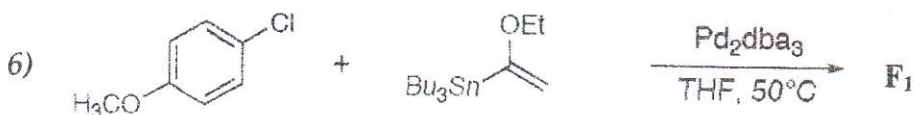
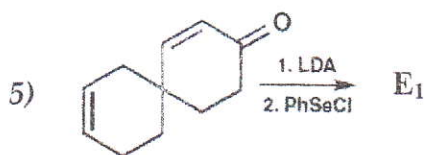
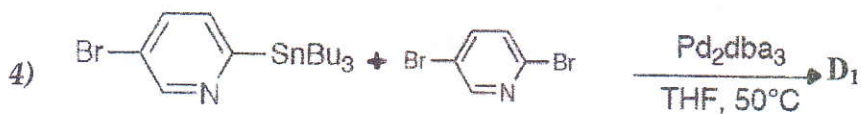
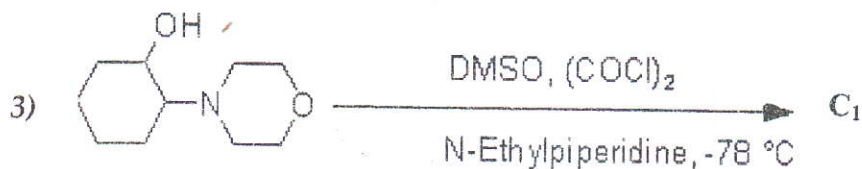
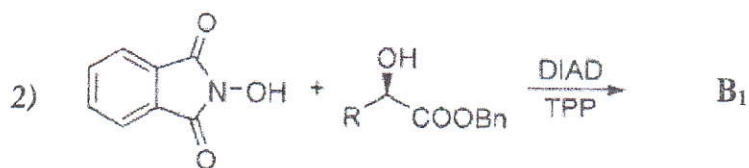
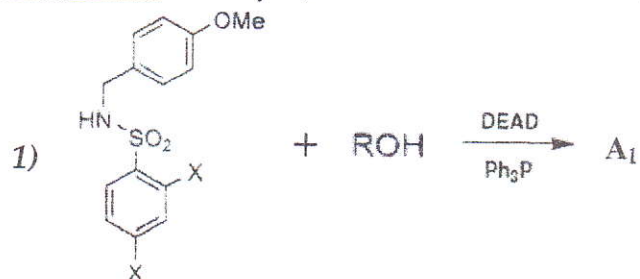


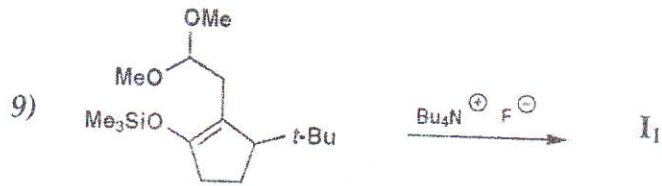
Université Hamma lakhdar-Eloued
 Faculté des Sciences exactes
 Département de Chimie

Examen de Stratégie de Synthèse
 Le 14/01/2018 Durée: 1h30

Exercice 1 : (09.00 pts)

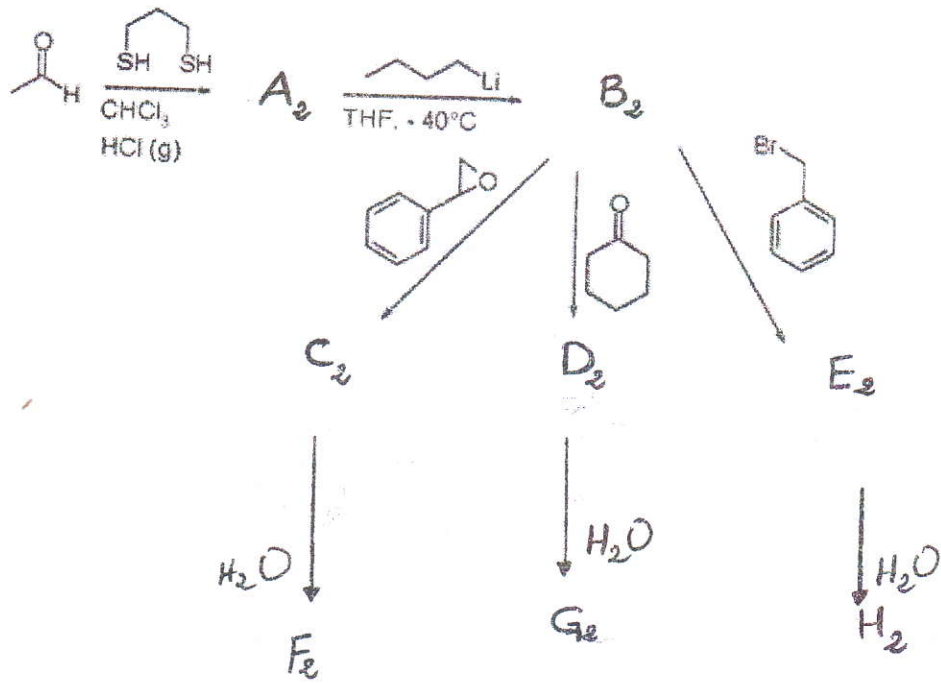
أكمل سلسلة التفاعلات التالية بتحديد صيغ جميع المركبات





Exercice 2: (4.00 pts)

أكمل سلسلة التفاعلات التالية بتحديد صيغ جميع المركبات



Exercice 3 : (07.00 pts):

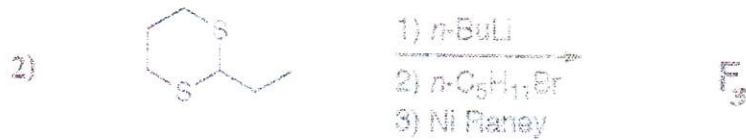
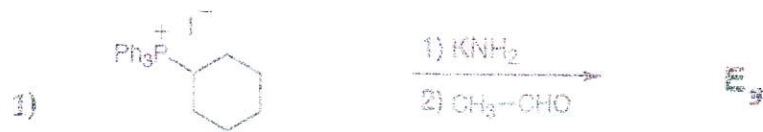


التفاعلين التاليين يمثلان تفاعل Wittig و يعطيان نفس المركب انطلاقا من متفاعلات مختلفة A_3, B_3, C_3, D_3

1- حدد جميع المركبات A_3, B_3, C_3, D_3

2 .. أعط طريقة لتحضير C و A انطلاقا من هالوجينات الألكيل الموافقة

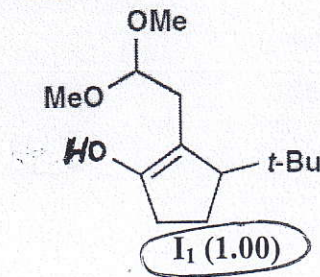
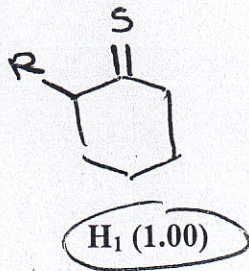
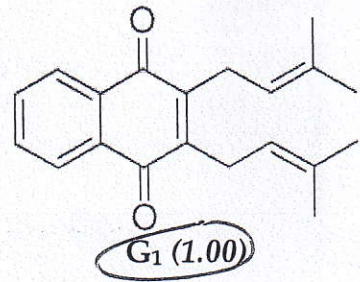
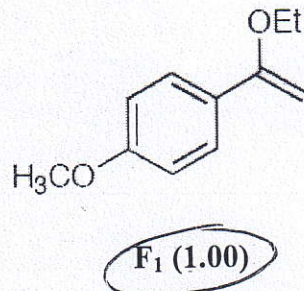
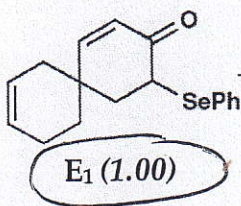
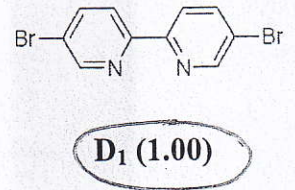
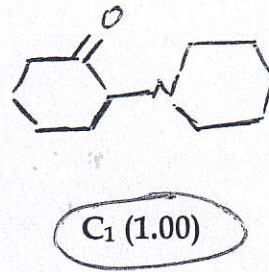
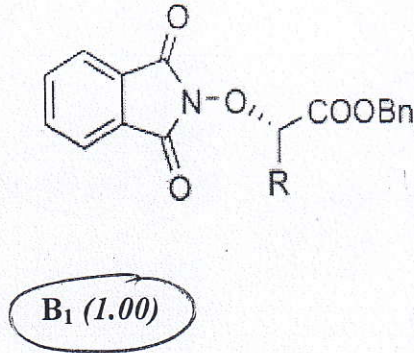
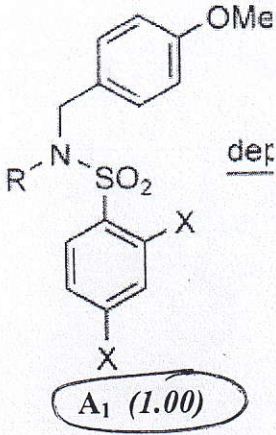
3. أكمل التفاعلات التالية



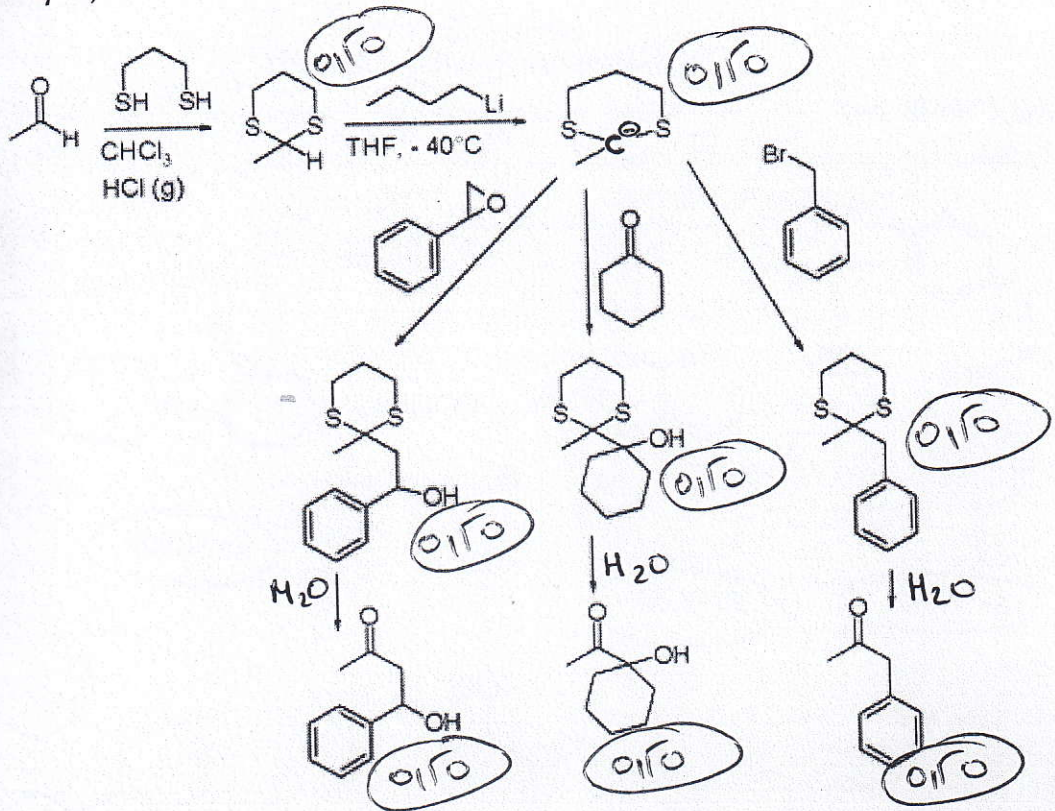
Good Luck

التصحيح النموذجي
Stratégie de Synthèse 2016-2017

Exercice 1 : (9.00 pts)



Exercice 2 : (04.00 pts)



Exercice 3 : (7.00 pts)

