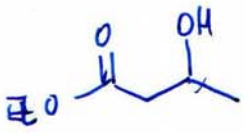
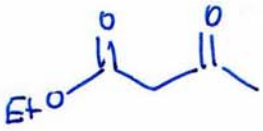
Organiskā ķīmija I. Medicīnas ķīmijas preperāta sintēze. Atbilžu lapa.

1. *Uzzīmējiet struktūras visiem savienojumiem **A – H**! Stereoķīmiju norādīt nav nepieciešams.*

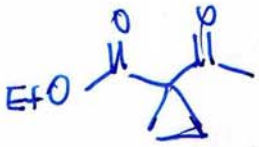
A



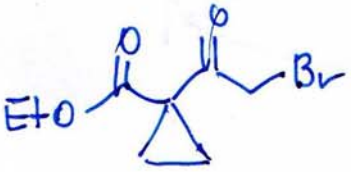
B



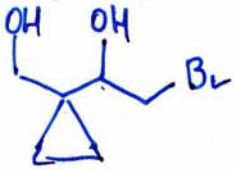
C



D

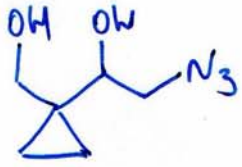


E



F

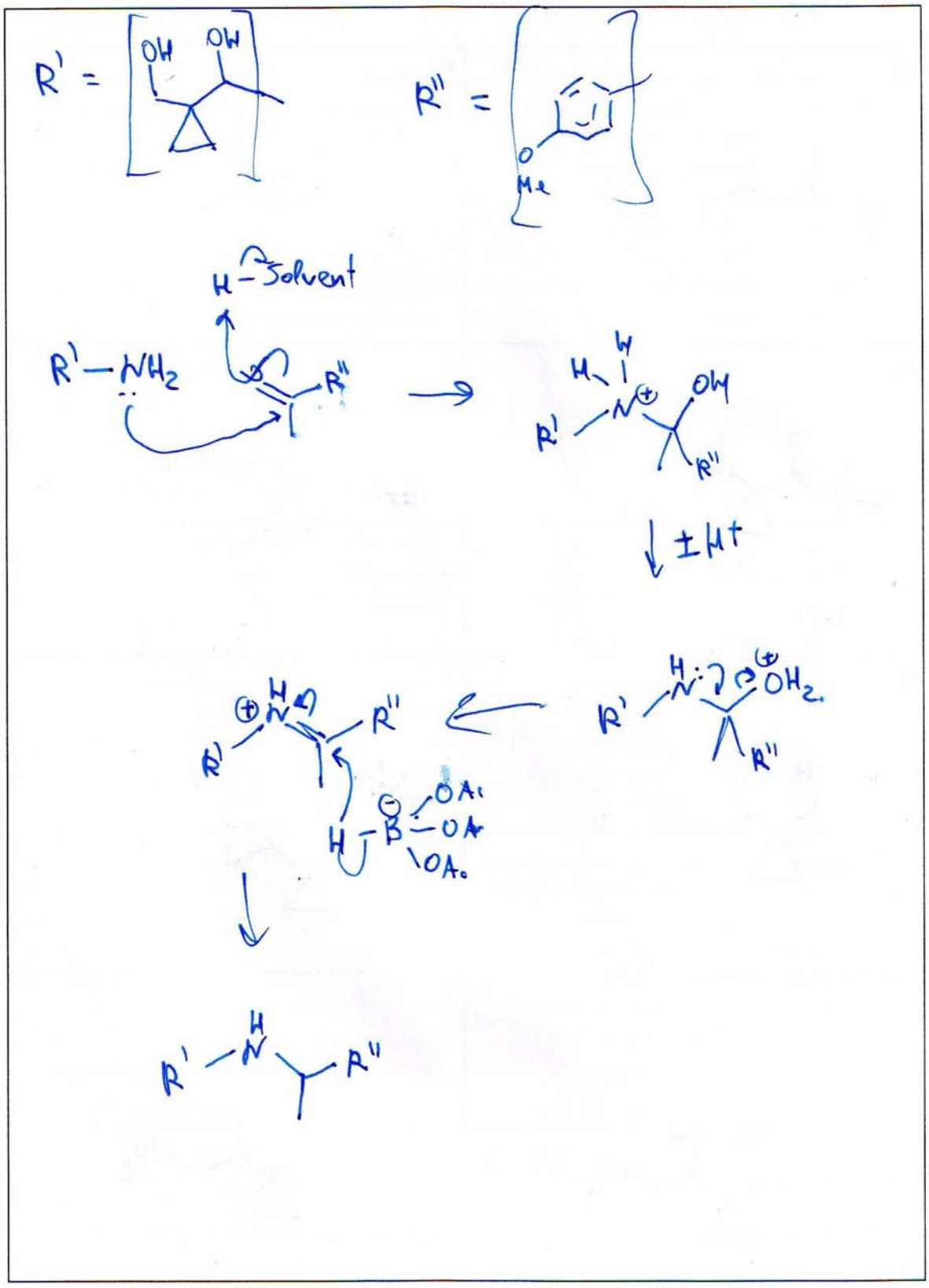
G



H

1 pt par katru

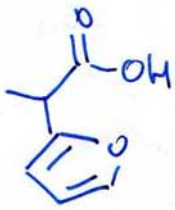
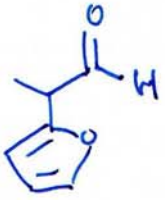
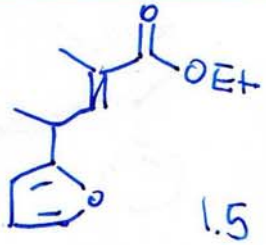
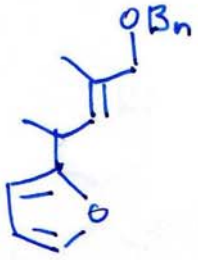
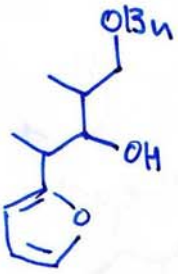
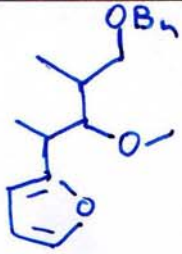
2. *Uzzīmējiet mehānismu pārvērtībai* ***H -> A367****. Jūs drīkstat lietot strukturālus saīsinājumus, norādot to nozīmi.*



2p

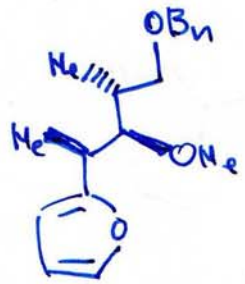
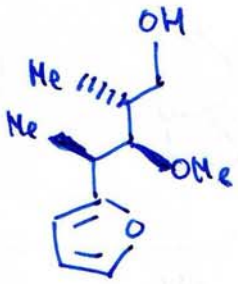
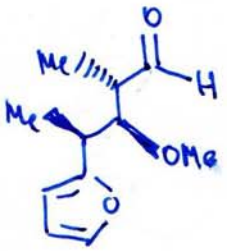
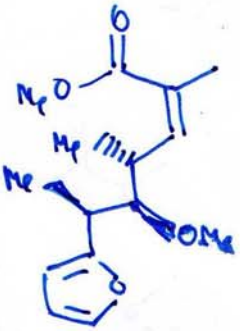
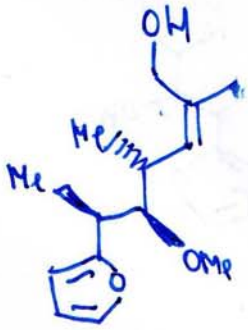
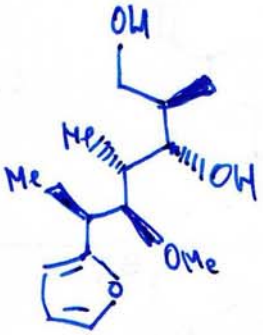
Organiskā ķīmija II. Monensīna sintēze. Atbilžu lapa.

1. *Uzzīmējiet struktūras savienojumiem **A – I**, stereoķīmiju norādīt nav nepieciešams.*

A  1	**B**  1
C  1	**D**  1
E  1.5	**F**  1
G  0.5	**H**  1
I  0.5	

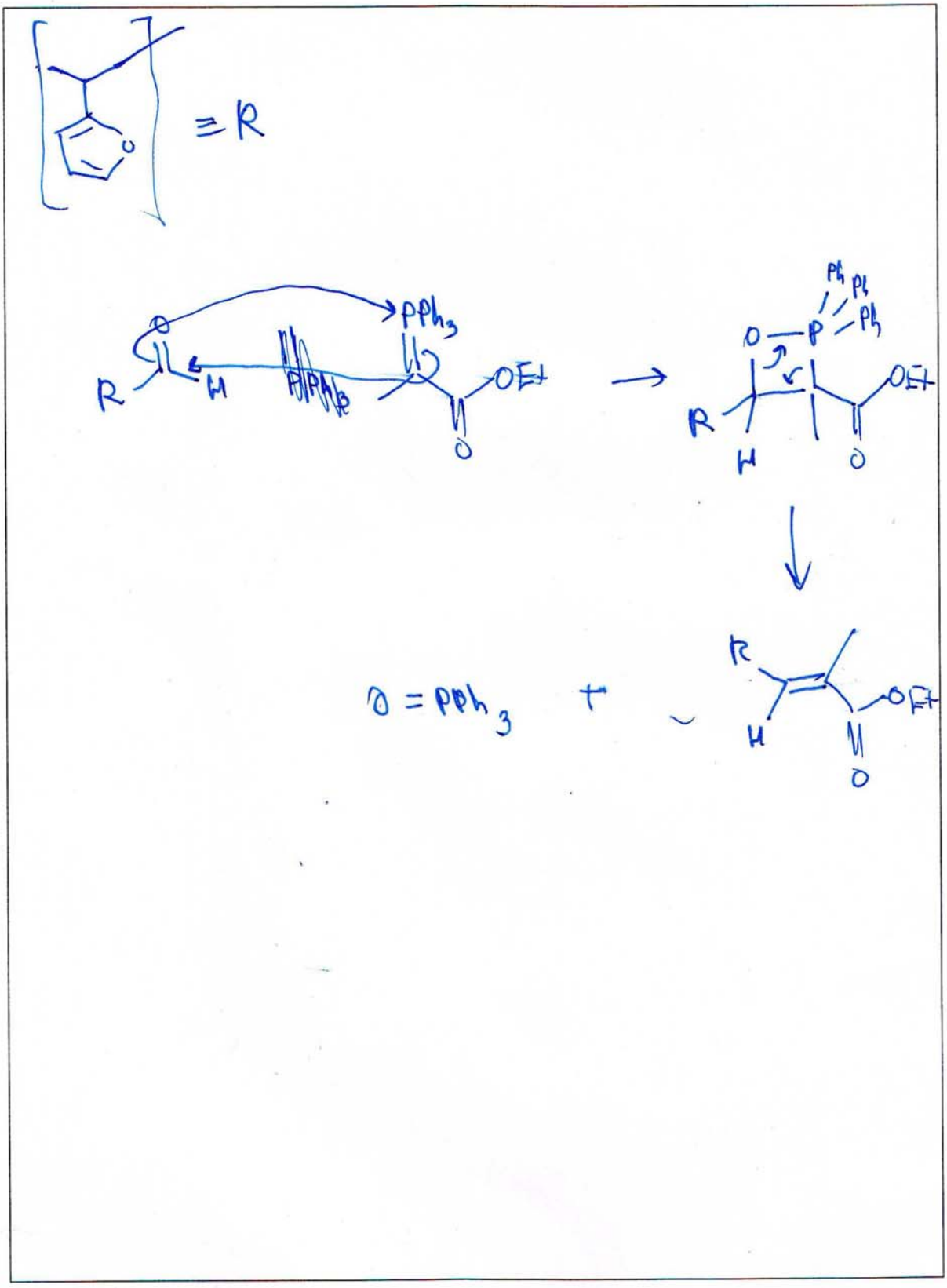
A C

2. *Uzzīmējiet struktūras savienojumiem* ***I' – Būvbloks 1****. Norādiet stereoķīmiju visiem stereocentriem molekulā.* ***Būvbloka 1*** *struktūrā norādiet visu stereocentru stereoķīmiju, analizējot sintēzes soļu zināmo stereoselektivitāti.*

I' 	**J** 
K 	**L** 
M 	**Būvbloks 1 (ar stereoķīmiju)** 

7.5

3. *Uzzīmējiet mehānismu pārvērtībai **D -> E**!*



4