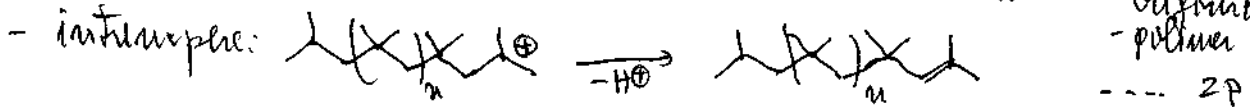
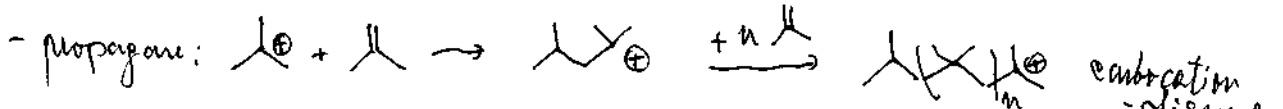
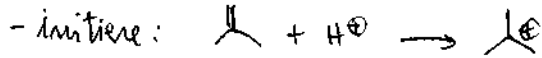


# BAREM

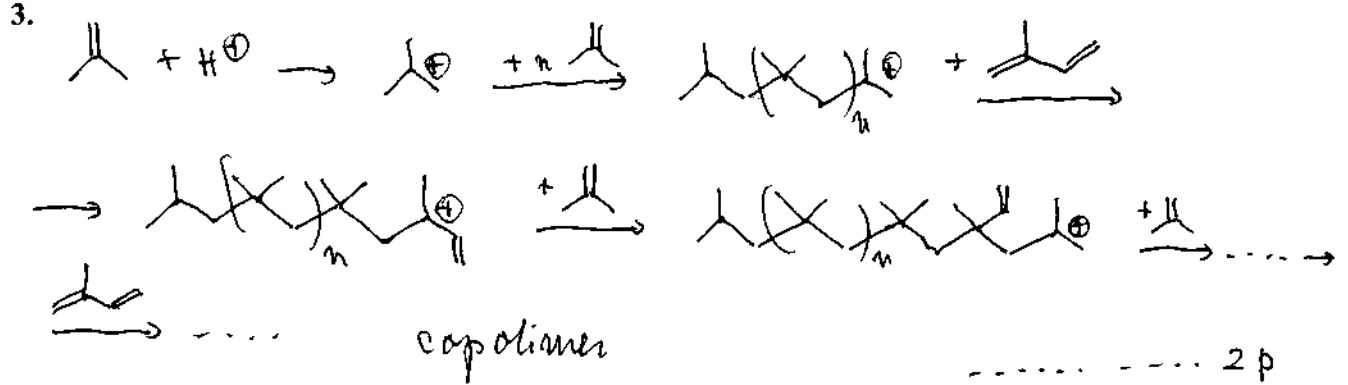
## Chimie Organica I

Subiectul 1 (10p)

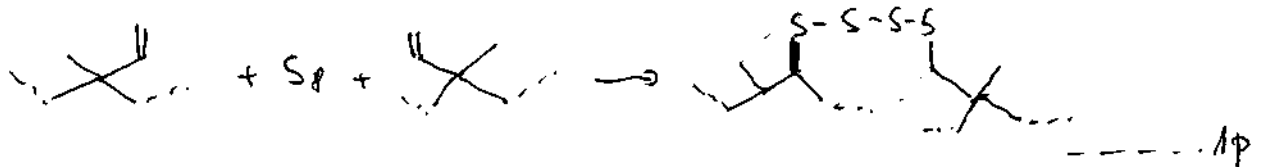
A.1: polimerizare ionica prin carbocationi:



2. Energia de activare pentru reactia de propagare este mai mica decat pentru reactia de intrerupere; ca urmare la temperatura mai ridicata are loc mai frecvent reactia de intrerupere si se formeaza un oligomer; la temperatura scazuta (-70°) este preferata reactia de propagare si se formeaza un polimer superior; - - - 1p



4. Copolimerul obtinut contine ramificatii legaturi duble si reactioneaza cu S<sub>8</sub>, formand legaturi de tip -S-S-S-S- intre lanturile de polimer (reticulare):



B.1 se obtine un radical anion conjugat; culoarea verde se datoreaza conjugarii extinse:

