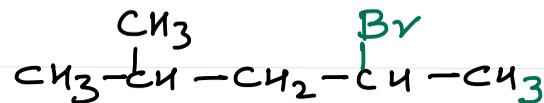
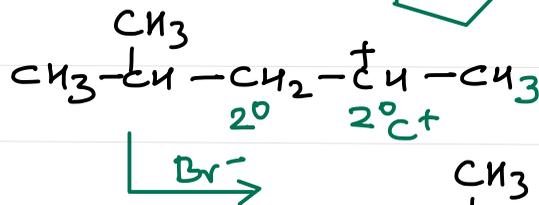
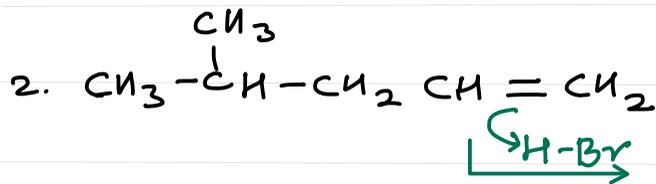
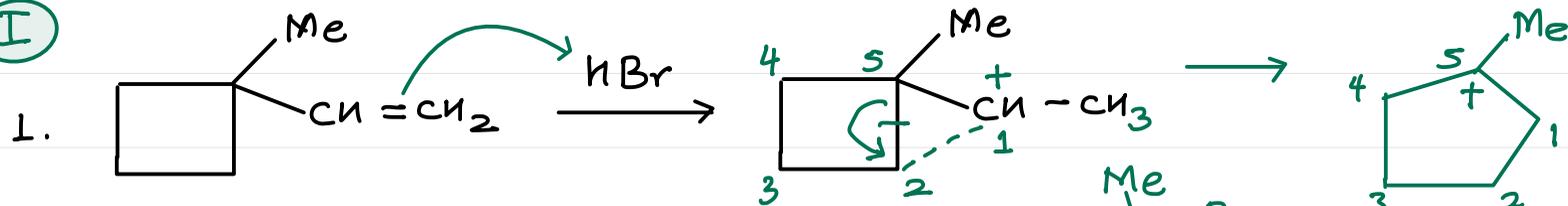


Organic Concepts Homework

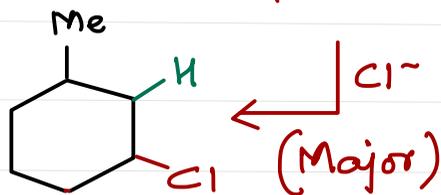
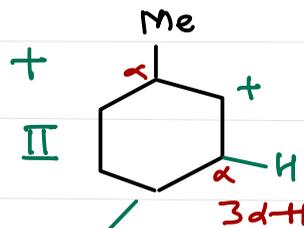
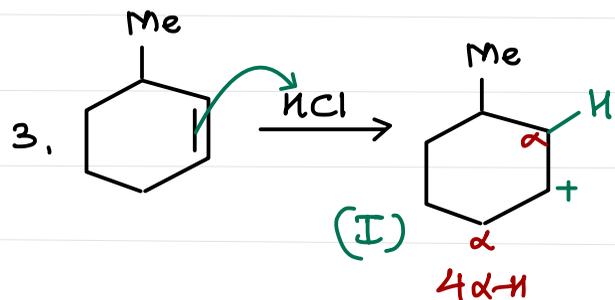
Solutions to HomeWork-Sheet-4

HomeWork-Sheet-5

I



Observe that NO rearrangement.

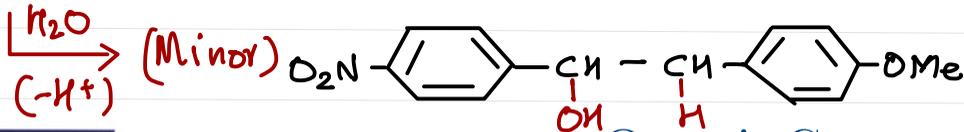
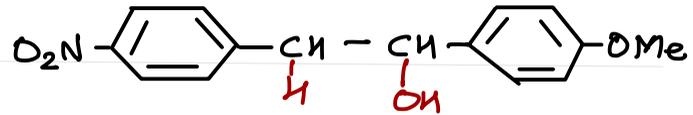
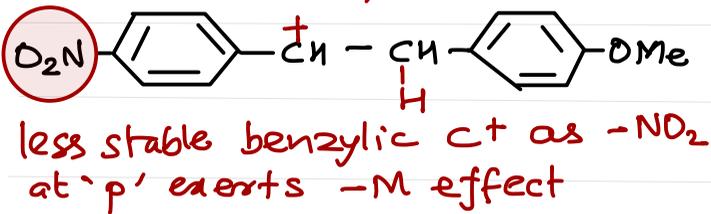
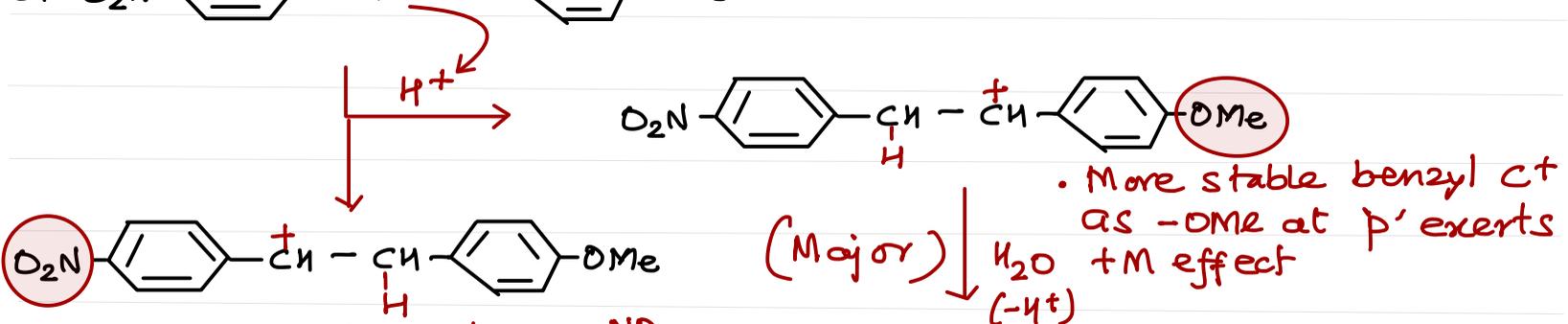
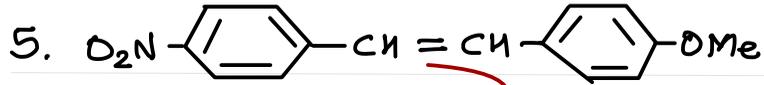
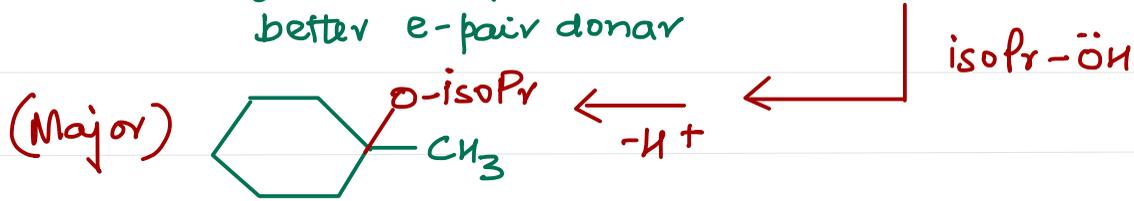
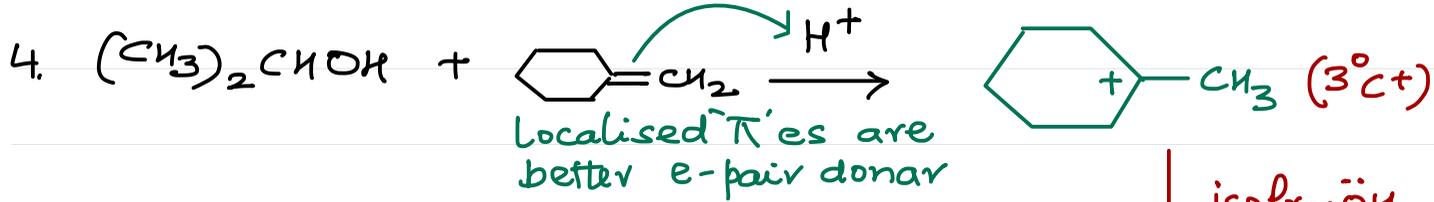


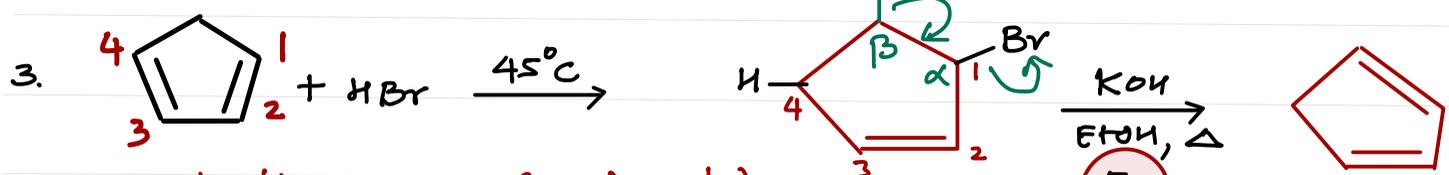
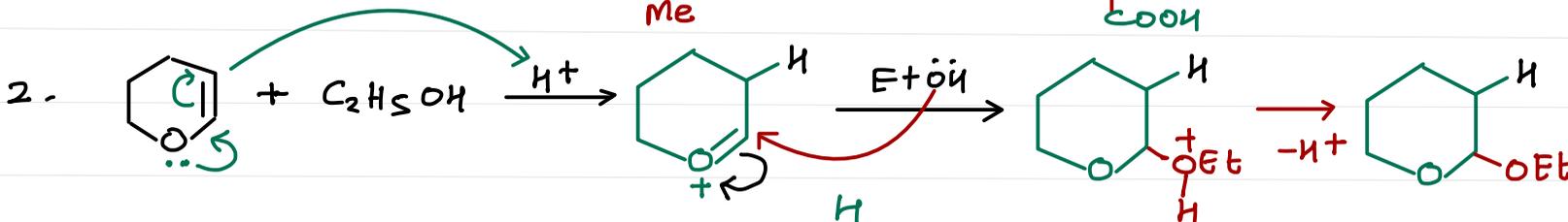
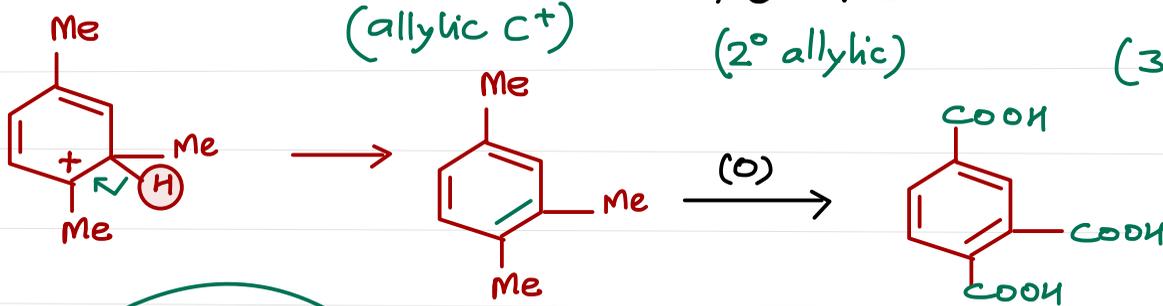
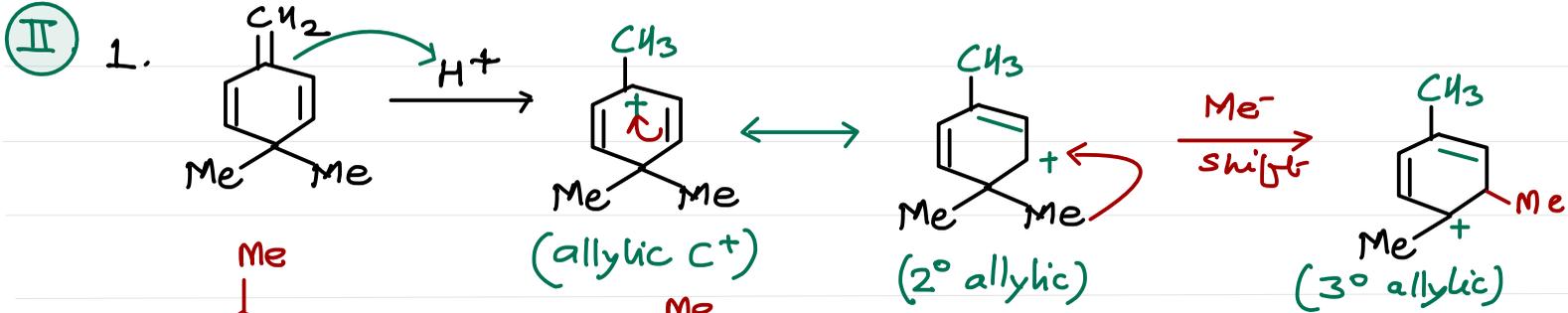
• Now which of I & II is more stable ---

• Decision depends upon More Stable

\Rightarrow I is more stable

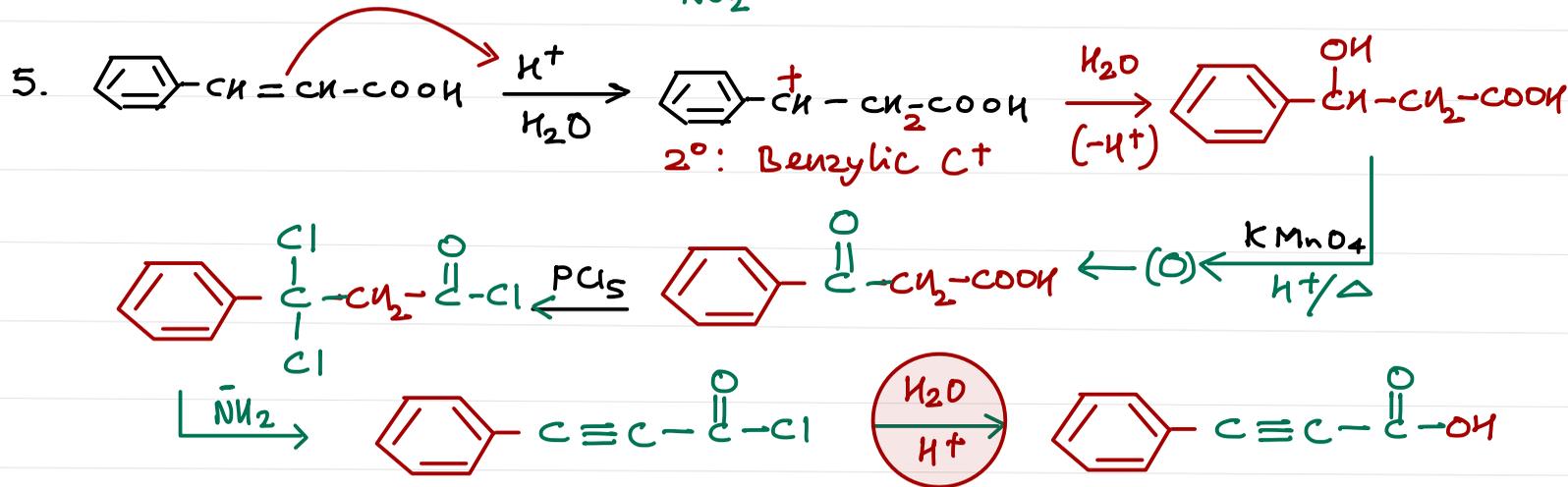
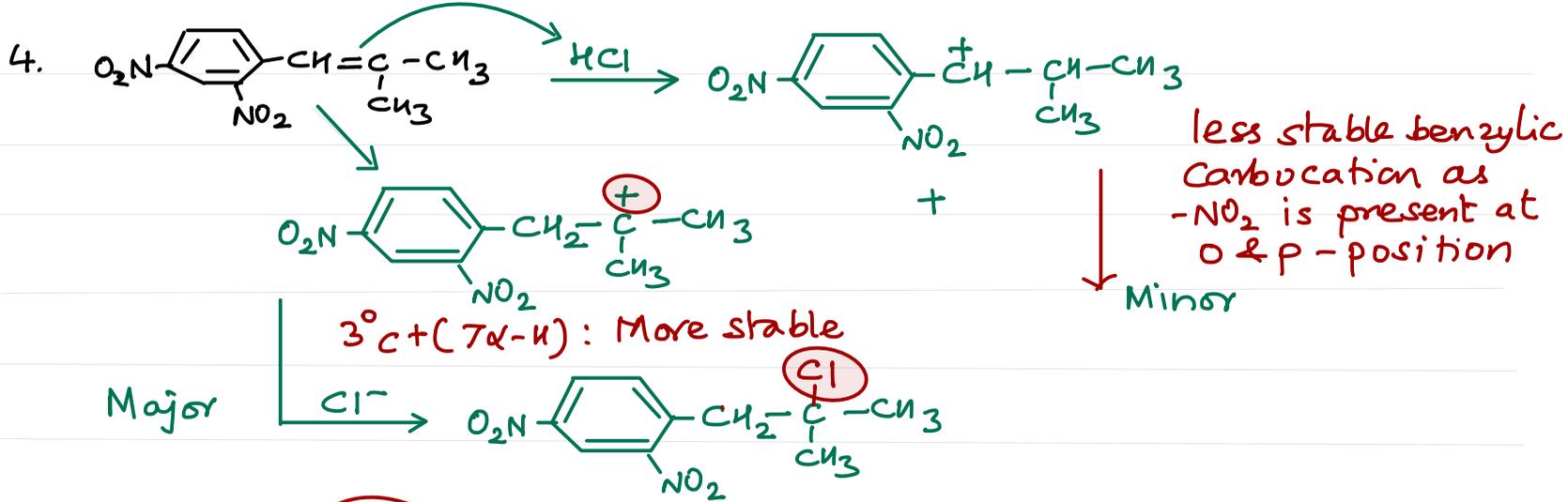
Minor after rearrangement.

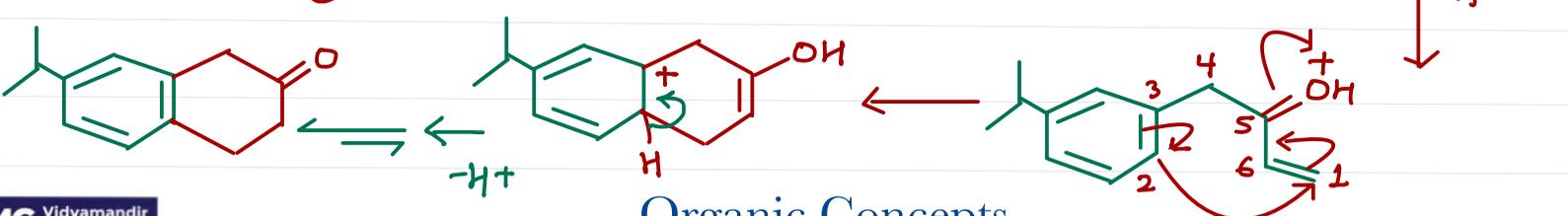
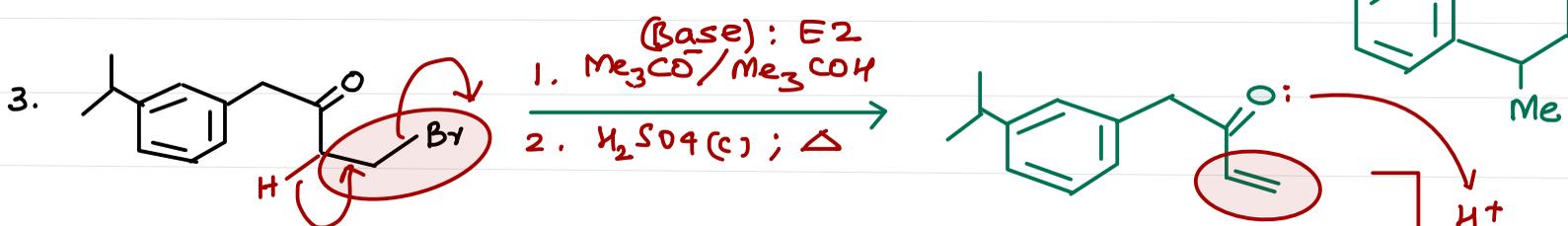
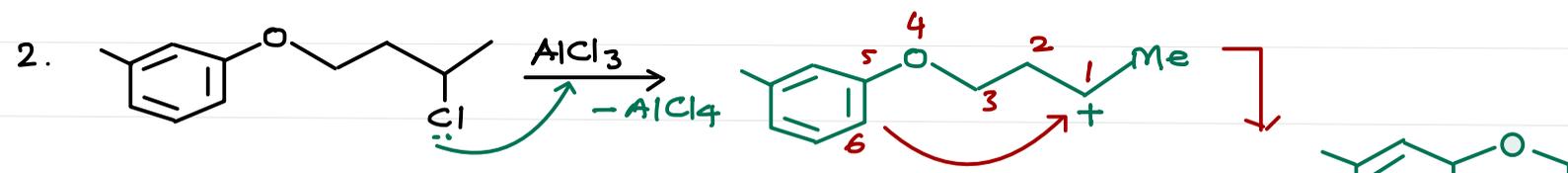
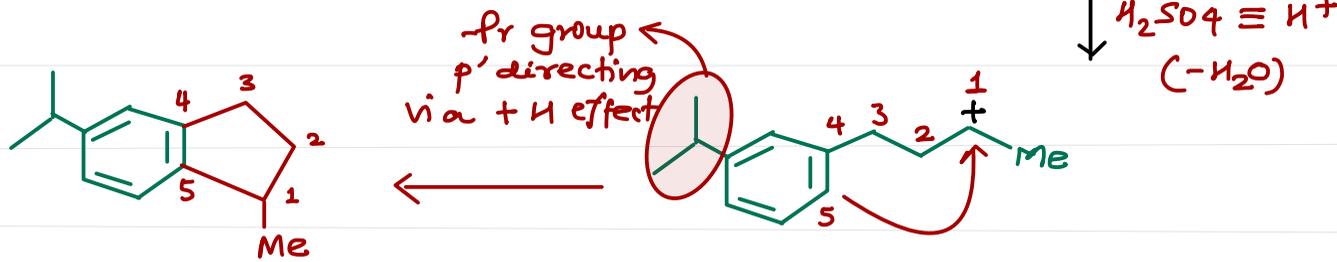
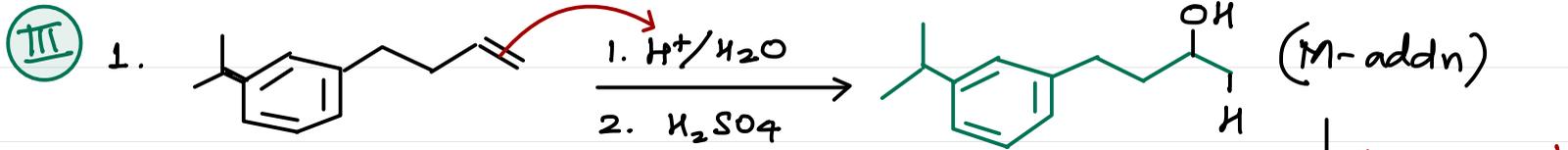


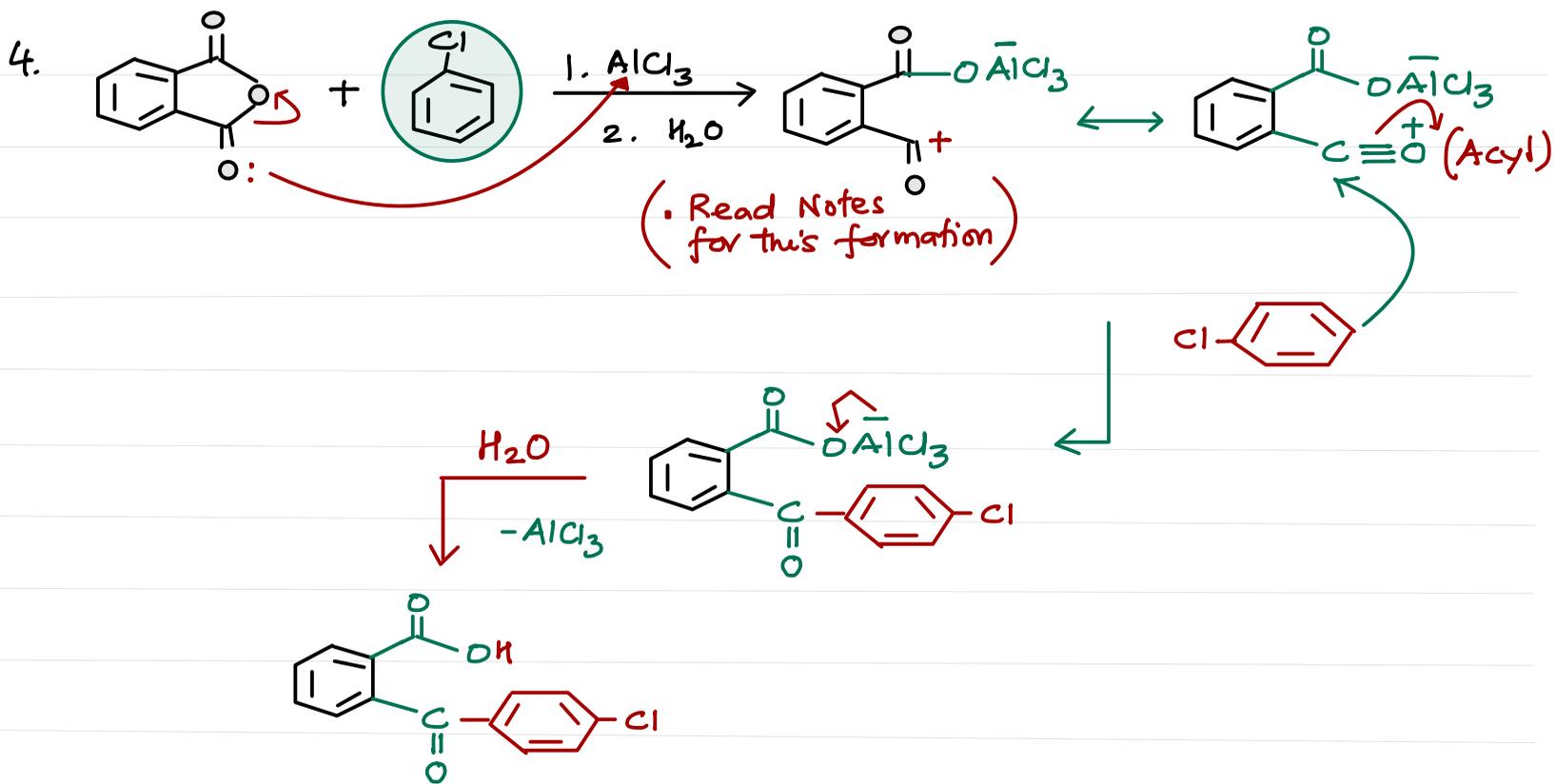


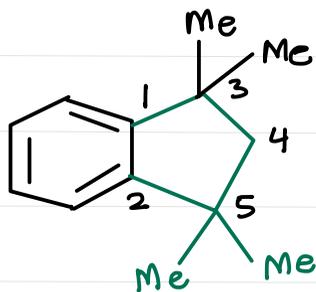
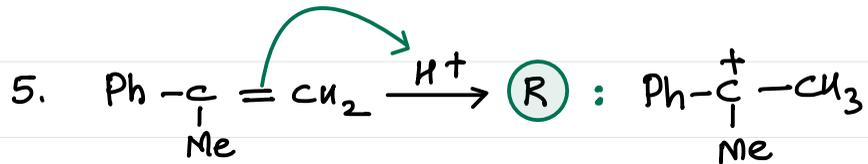
• visualise 1,4 addn (conjugate) in conjugate Diene

E2 β -elimn







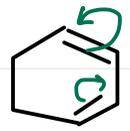


• intramolecular S_{E} Rxn

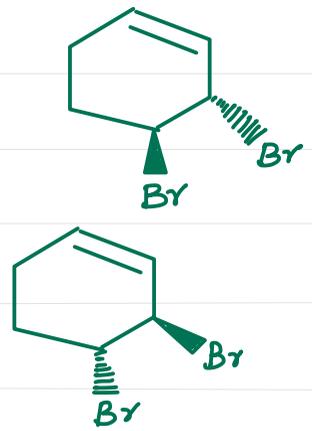
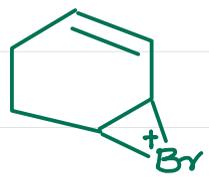


IV

1.

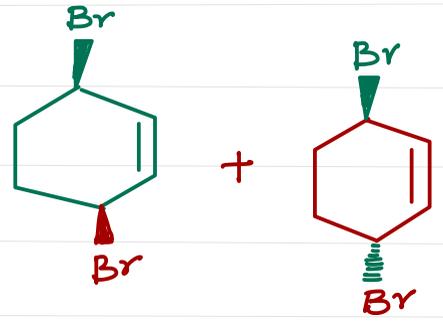
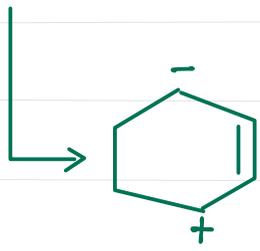


1,2-Addn

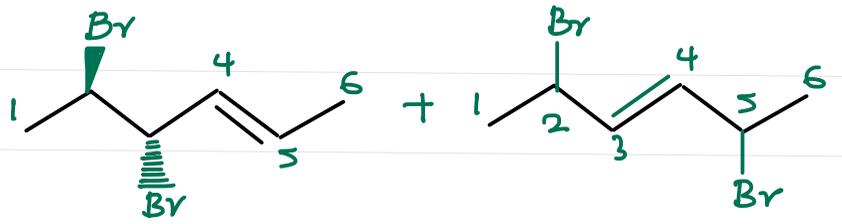
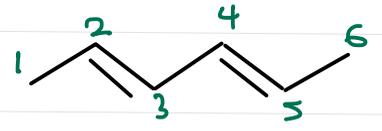


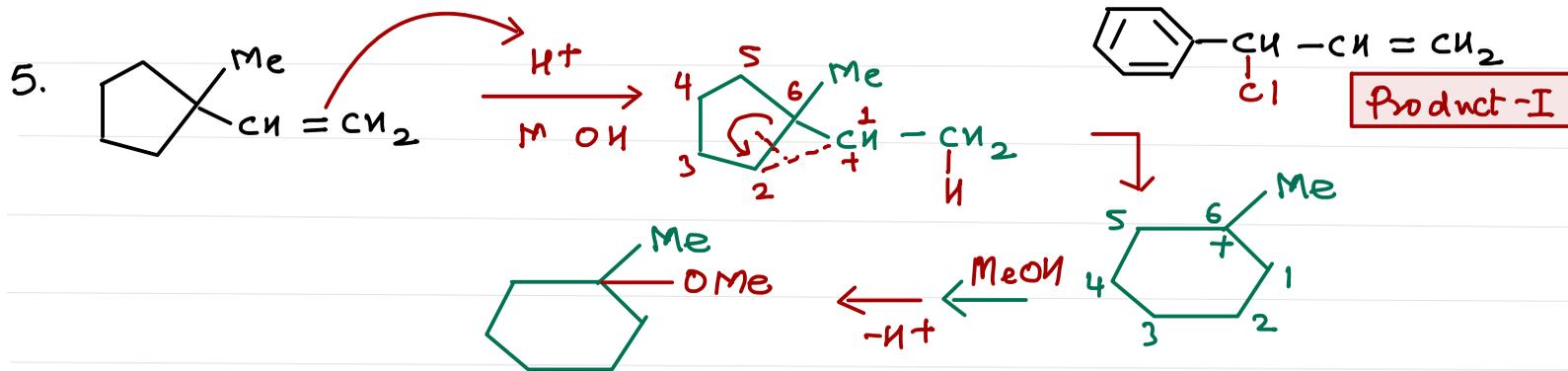
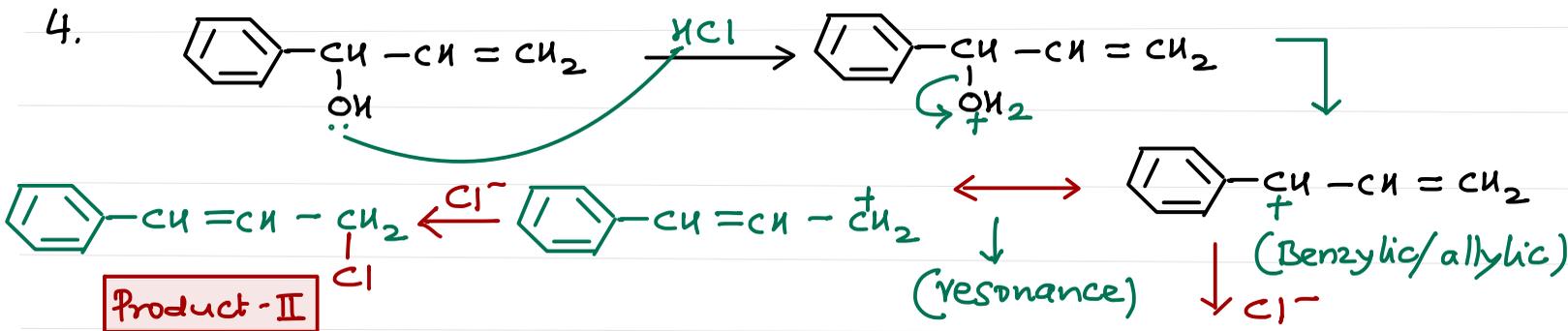
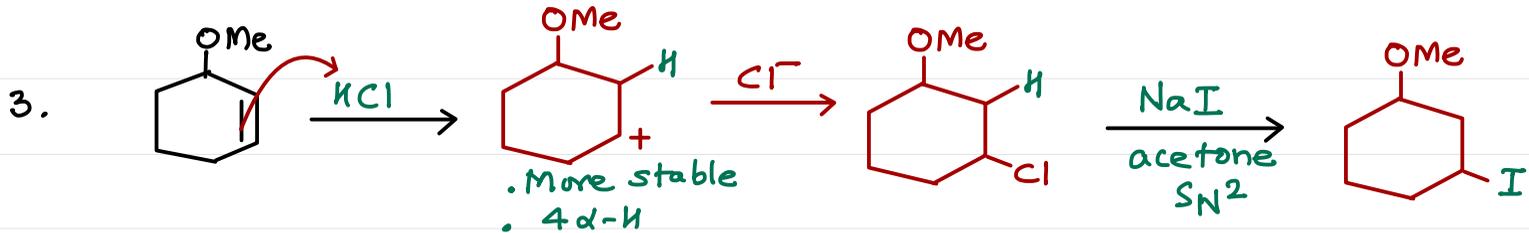
visualise both 1,2 & 1,4 addition.

1,4 addn. (conjugate)



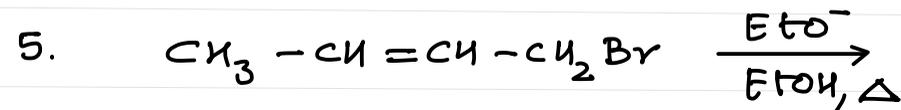
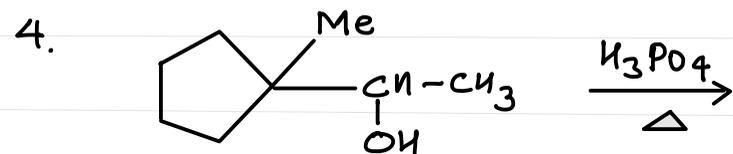
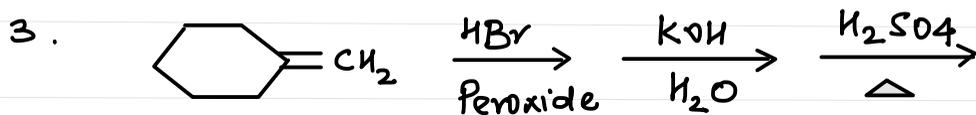
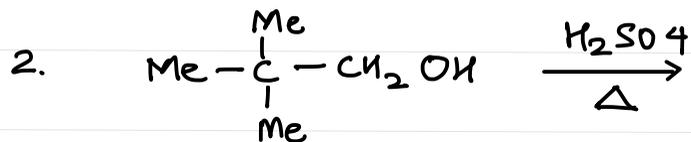
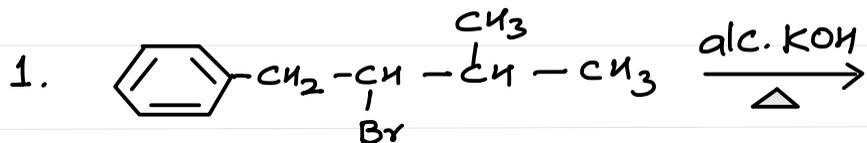
2.

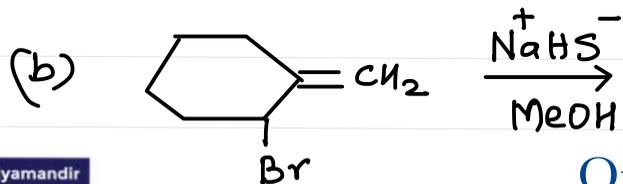
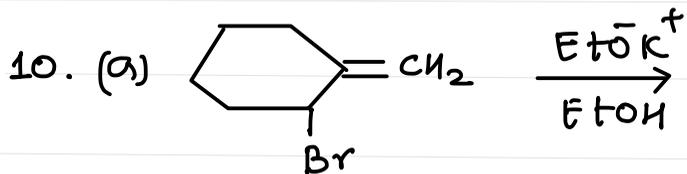
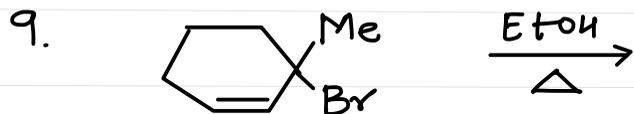
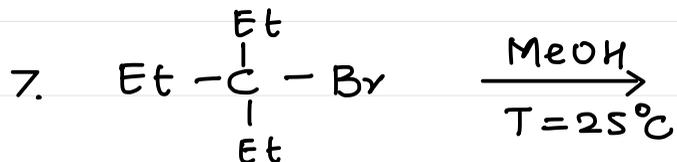




I. Identify the products. (Major & Minor wherever applicable)

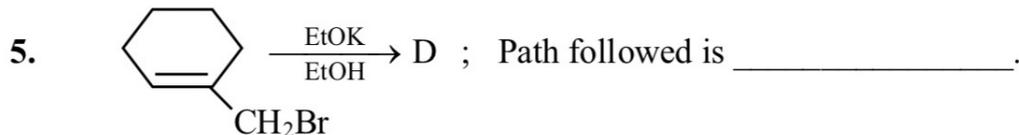
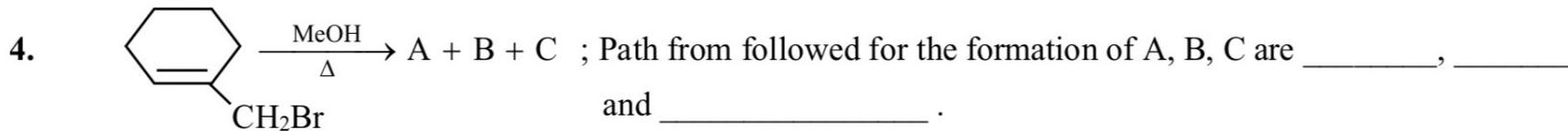
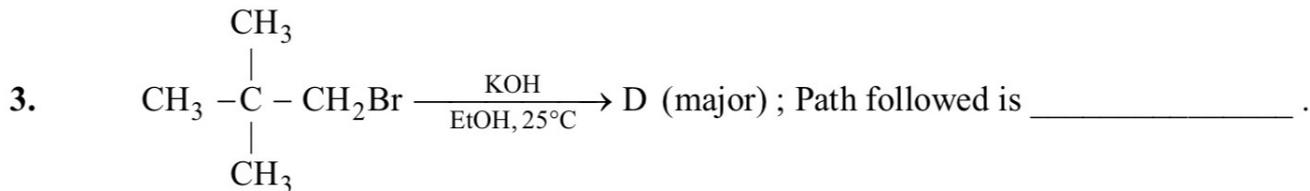
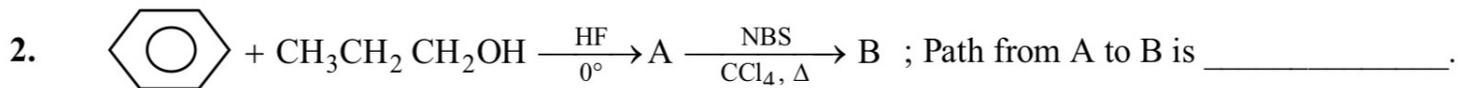
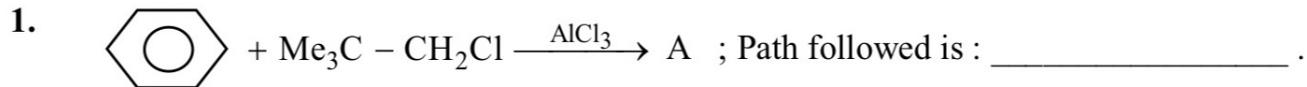
Identify path:
S_N1/S_N2/E1/E2

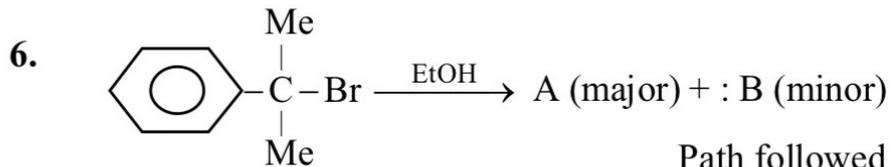




II.

Identify A, B, , . . . & also give the type of (Path) mechanism beings followed (S_N1 , S_N2 , SE, E1, E2,





Path followed for A and B formation is _____ and _____ .

