

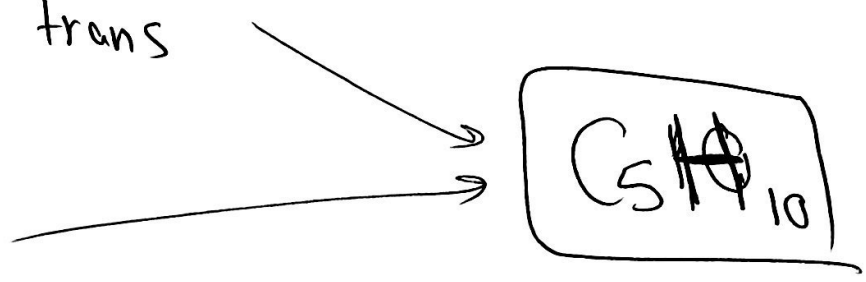
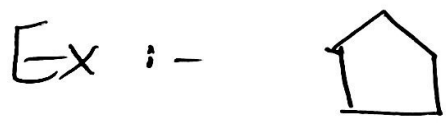
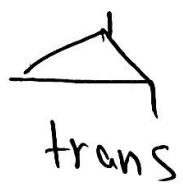
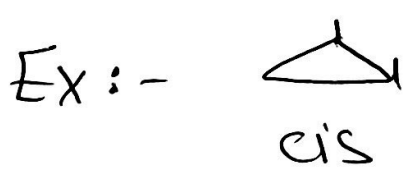
Chapter 2 :-

(File 3, page 1) :-

- 1 - cis
- 2 - trans
- 3 - trans
- 4 - trans
- 5 - none
- 6 - none
- 7 - none

(Page 4) :-

- 1 - constitutional
- 2 - conformers
- 3 - cis trans
- 4 - conformers
- 5 - conformers
- 6 - constitutional
- 7 - conformers
- 8 - conformers
- 9 - cis trans
- 10 - not isomers



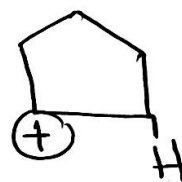
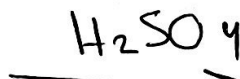
Chapter 3 :-

(File 2, page 2) :-

- which can show cis trans ?

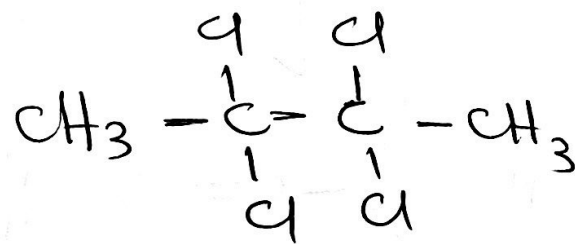
Ans is "2-hexene".

(Page 5) :-

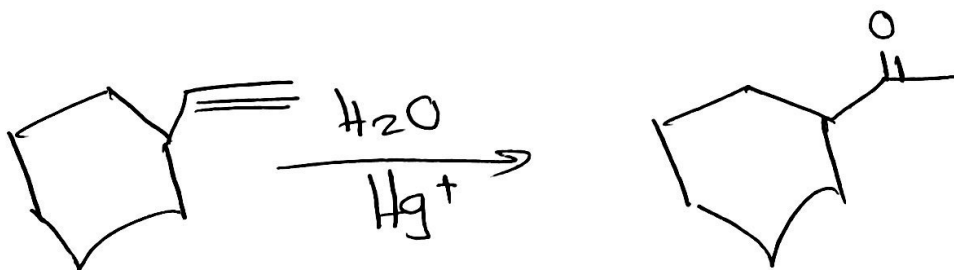


" Intermediate "

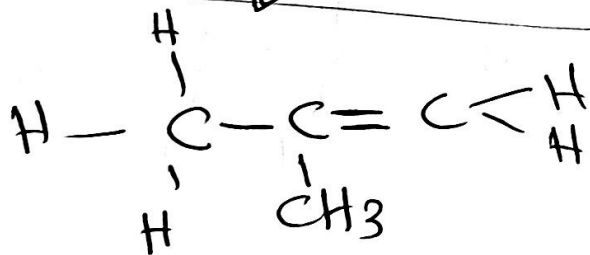
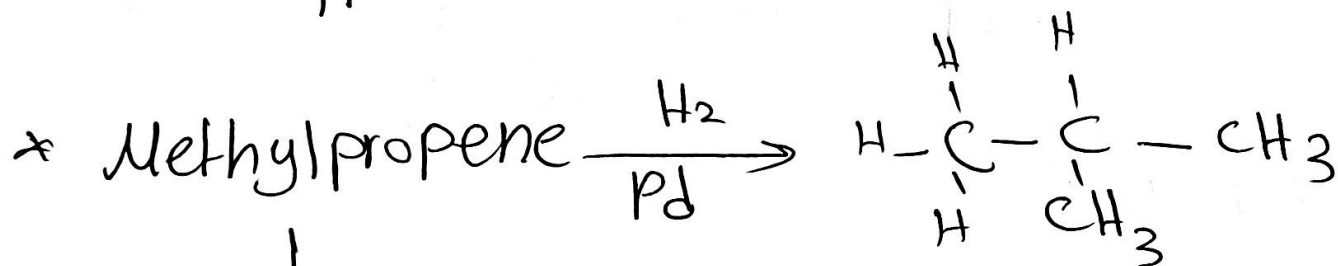
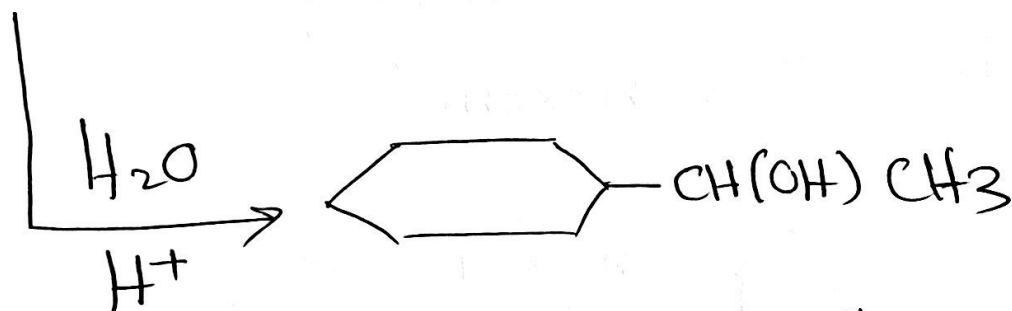
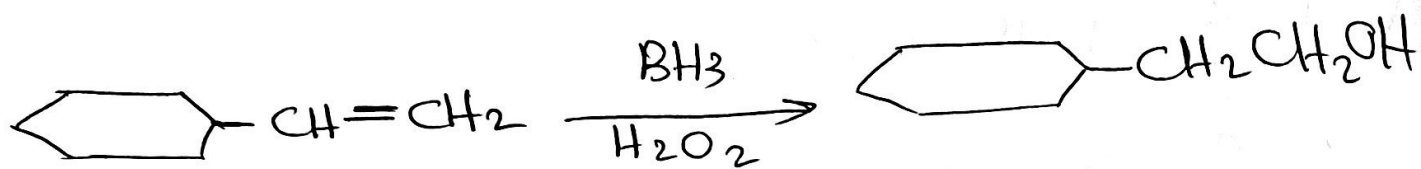
(File 3, Page 1) :-



(Page 2) :-



(File 4, Page 1):-



chapter 4 :-

(file 2) :-

- 1) 3-chlorobenzyl alcohol
 - 2) cyclopropane benzene
 - 3) 5-phenyl-2-hexene
 - 4) 4-benzyl-pentyne
 - 5) p-ethyl sulfonic acid
 - 6) 4-chloro-2-ethyl nitrobenzene
 - 7) 6-benzyl-2-phenyloctane
-

Chapter 5 :-

(Page 18) :-

(1) not active

(2-5) active

* which one is a racemic mixture?

Ans is "None of the above".

* what would happen to (α) and $([\alpha])$?

a) $\alpha \rightarrow 2\alpha$
 $[\alpha] \rightarrow \text{nothing}$

b) $\alpha \rightarrow 2\alpha$
 $[\alpha] \rightarrow \text{nothing}$

(Page 24) :- the relationship :-

I and II \rightarrow Enantiomers

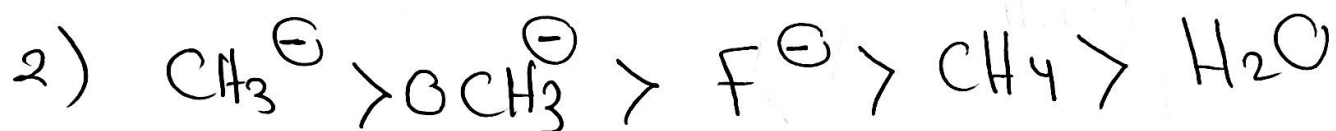
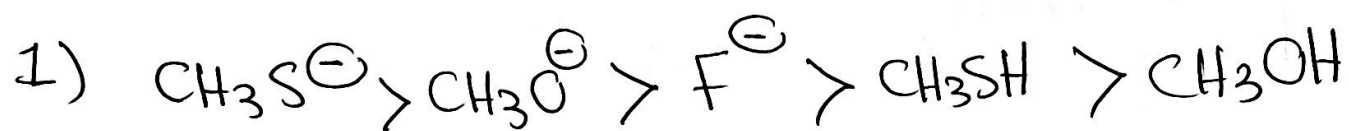
I and IV \rightarrow Diastereomer

II and III \rightarrow "

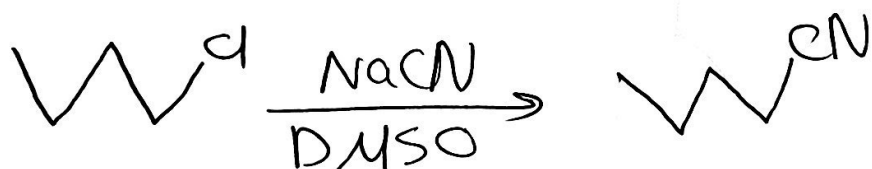
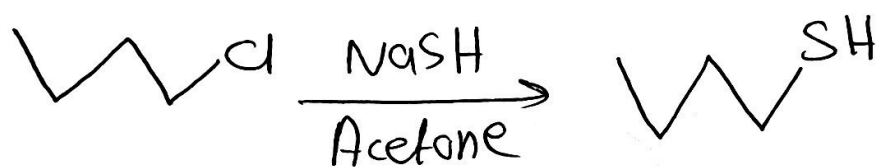
II and IV \rightarrow "

Chapter 6 :-

(File 1, Page 7) :-



(File 2, Page 2) :-

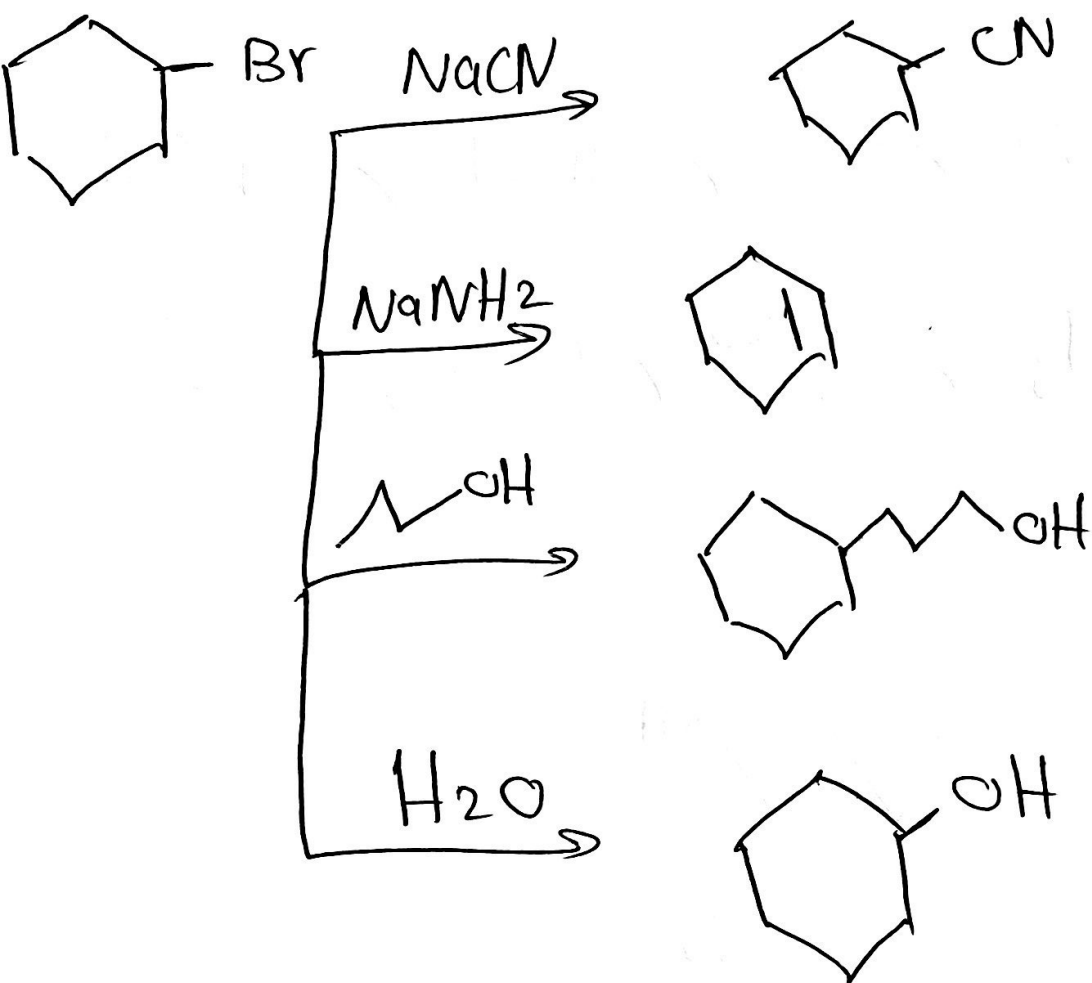


• which one is aprotic polar ?

Ans is "A"



(file 2, page 3) :-



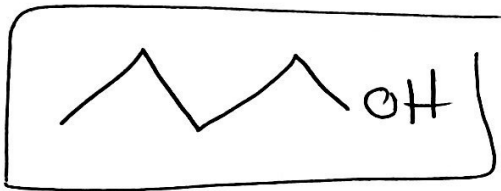
Chapter 7 :-

(Page 2) :-

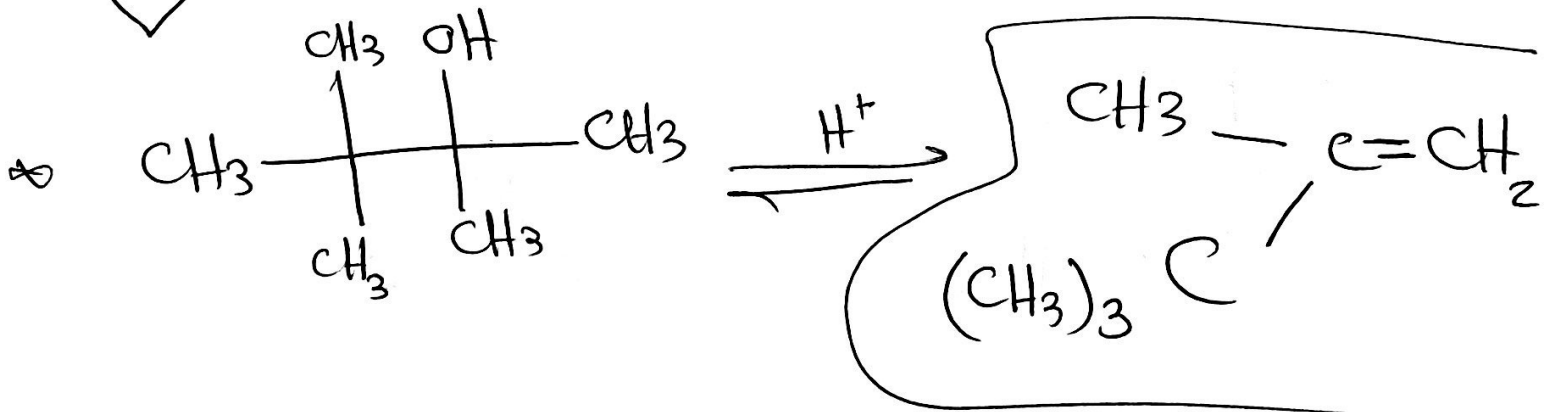
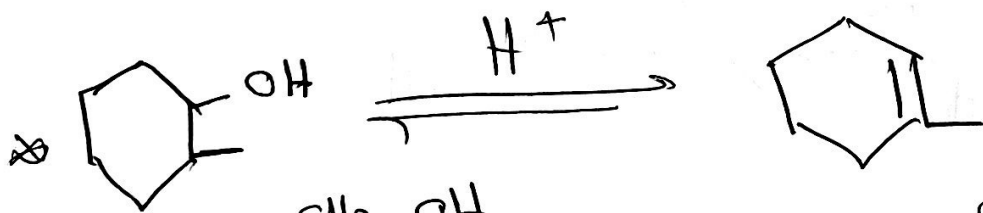
Naming :- (p-Nitrophenol)

(Page 3) :-

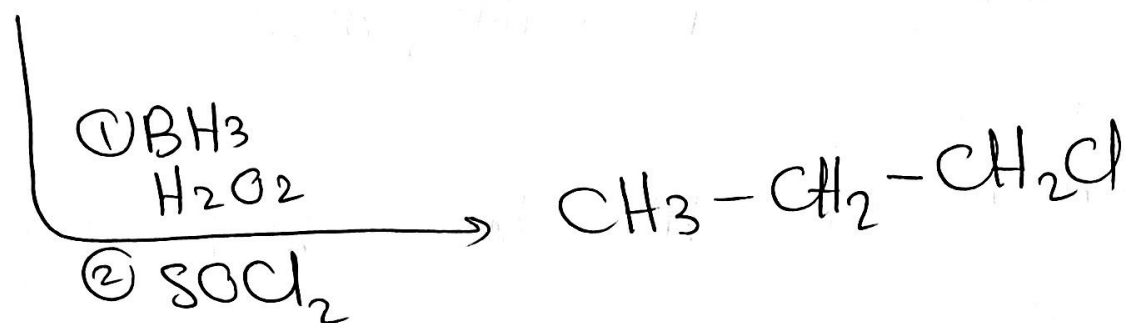
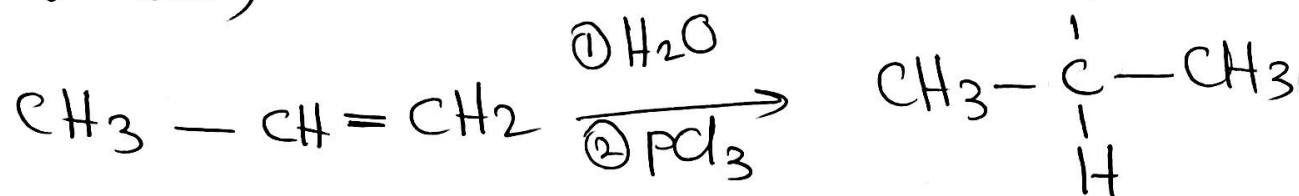
* which one has the highest bp ?



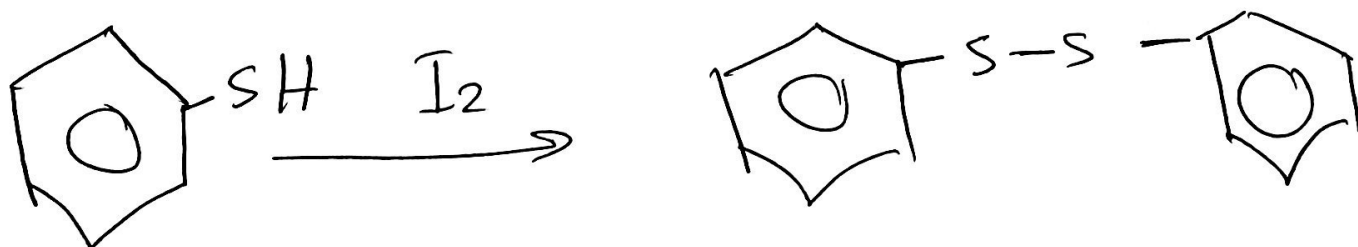
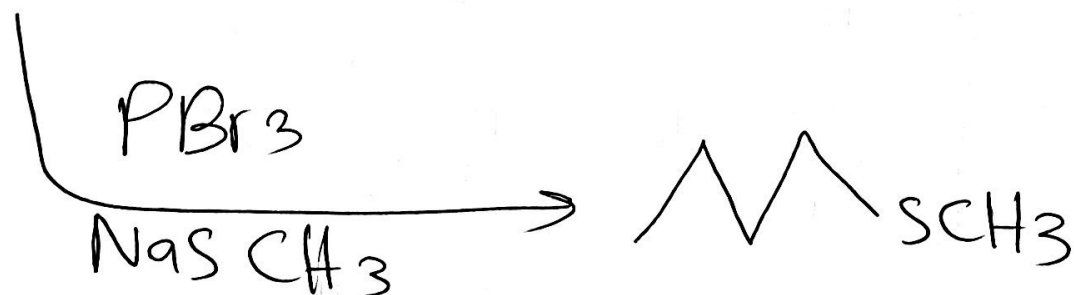
(Page 9) :- the most stable is "C"



(Page 11):-



(Page 13):-



Chapter 8:-

(page 1):- (file 1)

Naming \rightarrow isopropyl tertbutyl ether

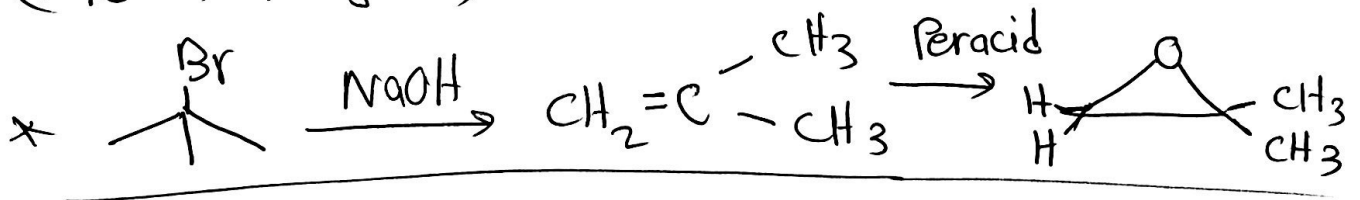
(page 2):-



(page 5):- Try $(\text{CH}_3)_3\text{COCH}_3$:-



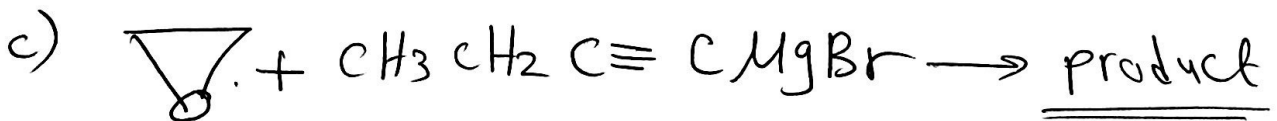
(file 2, page 2) :-



(page 3) :-



b) 5 membered ring

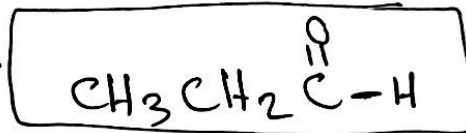


Page 3 :-

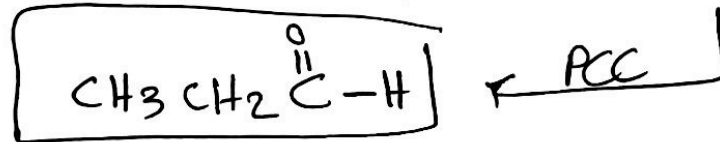
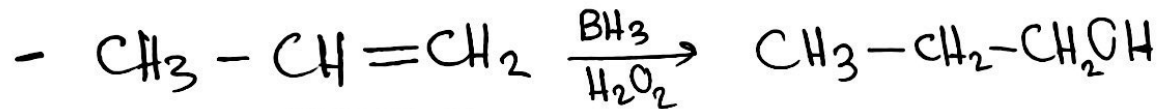
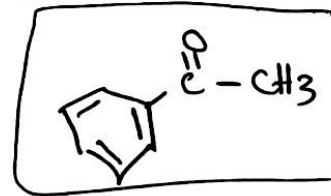
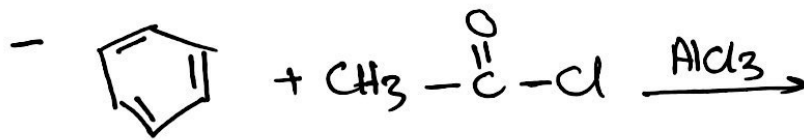
"Primary alcohol"



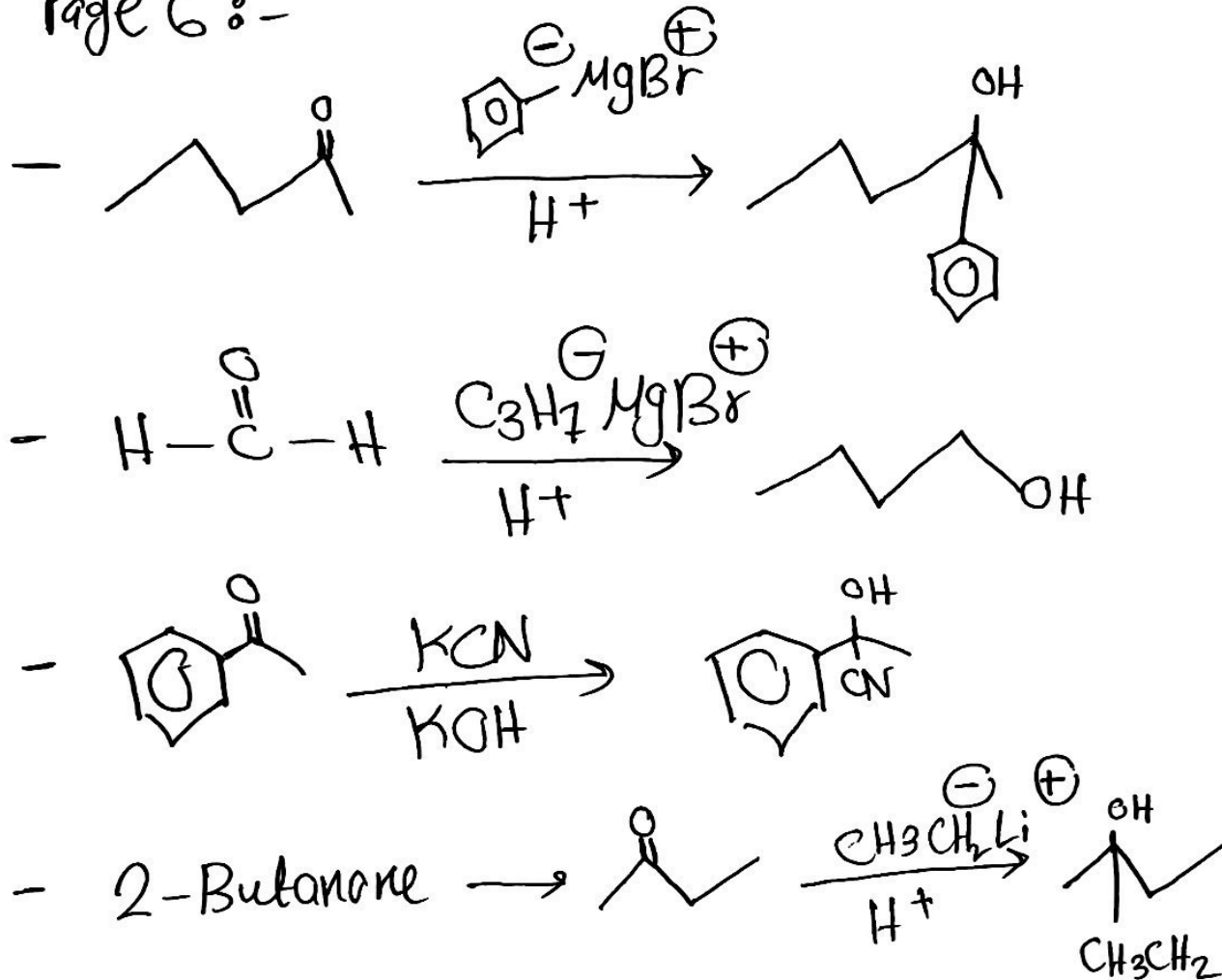
البنزين الكافور



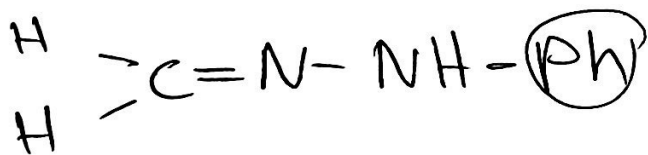
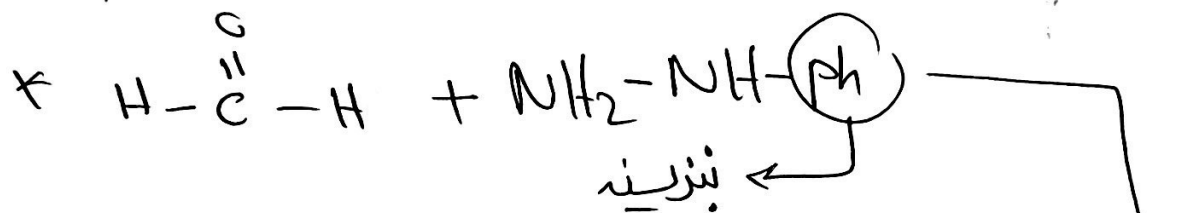
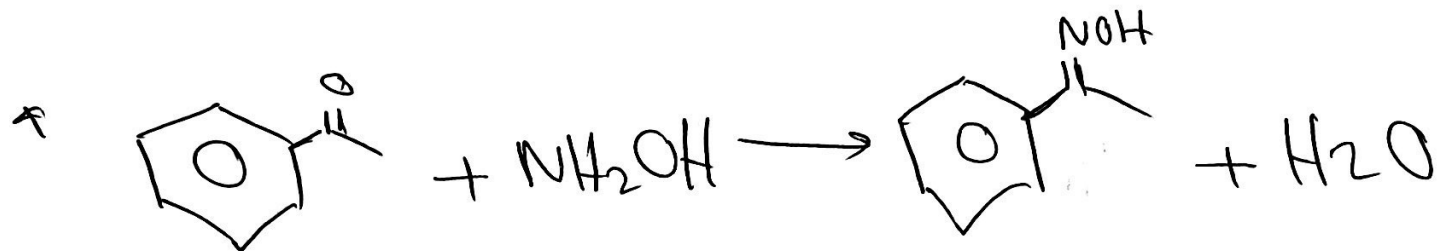
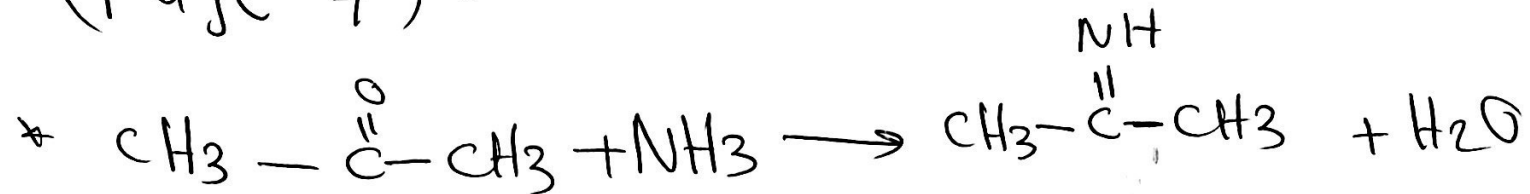
PCC (Chapter 9)



Page 6 :-

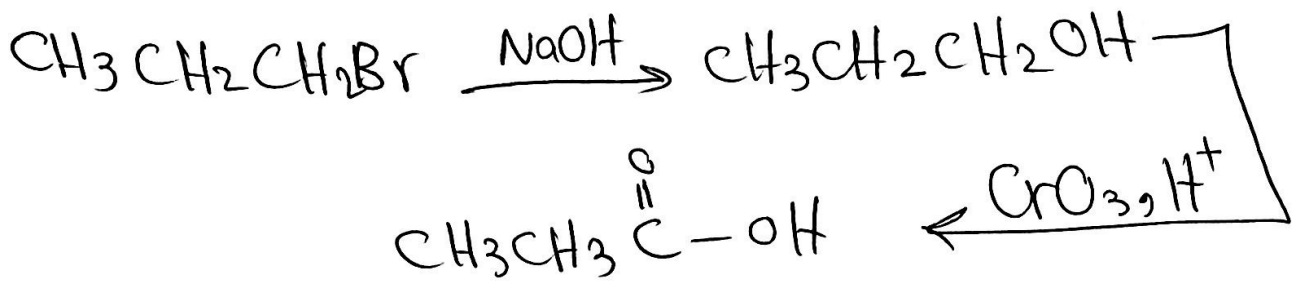


(Page 7) :-

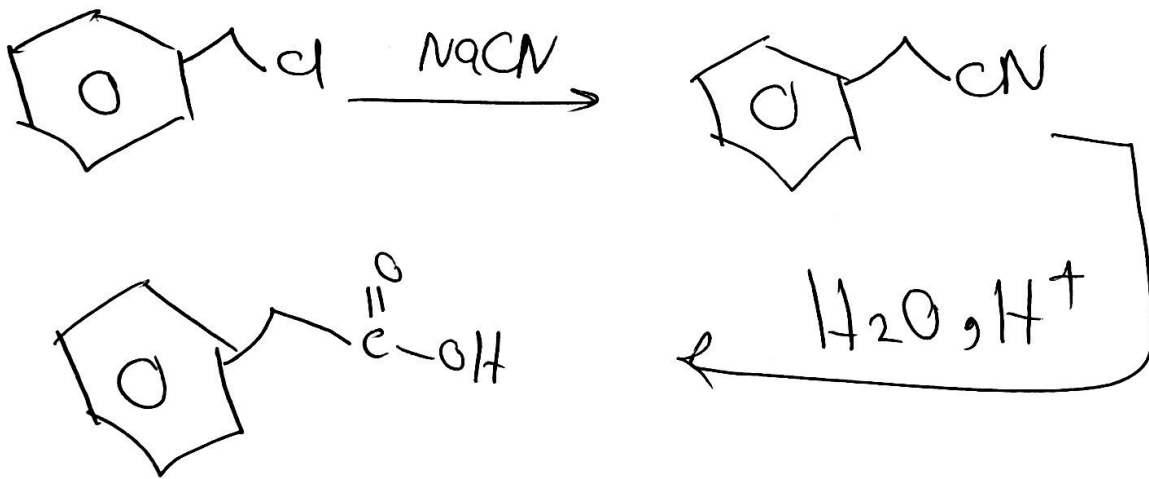


Chapter 10 :-

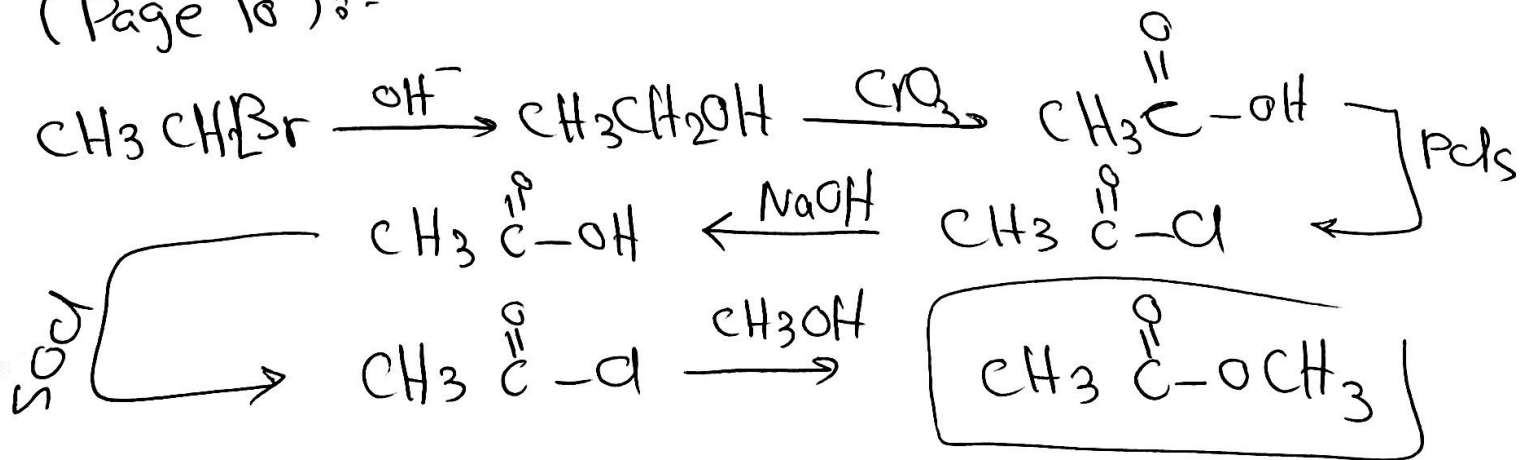
(Page 5) :-



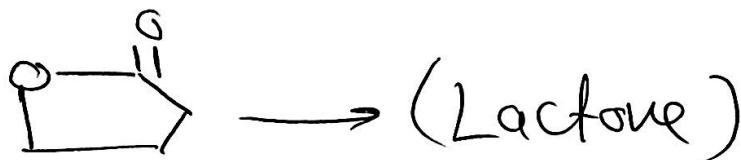
(Page 6) :-



(Page 10) :-

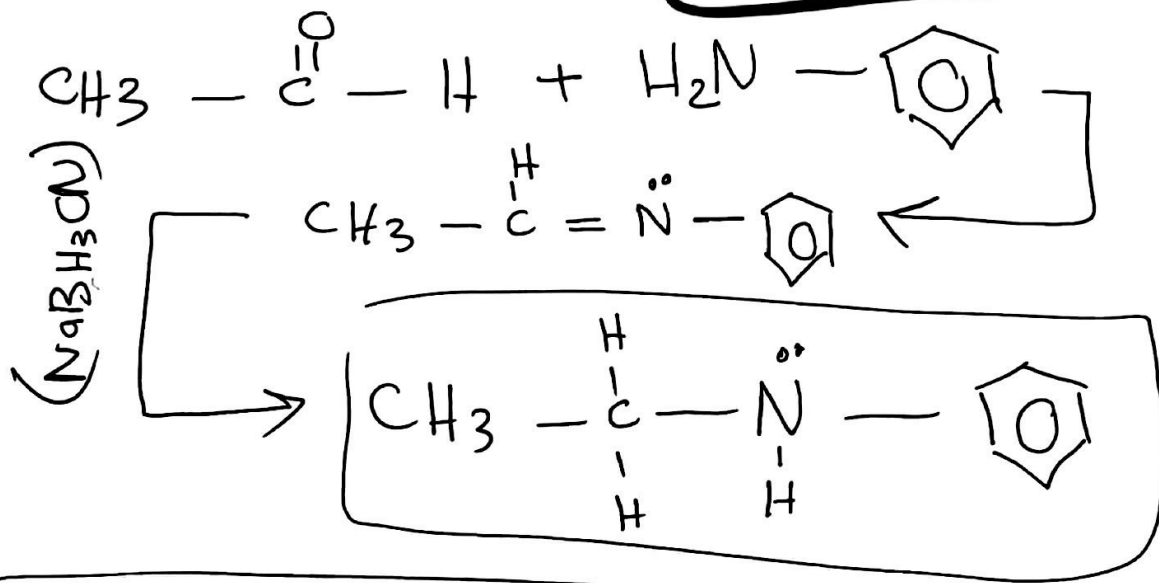


(page 11) :-

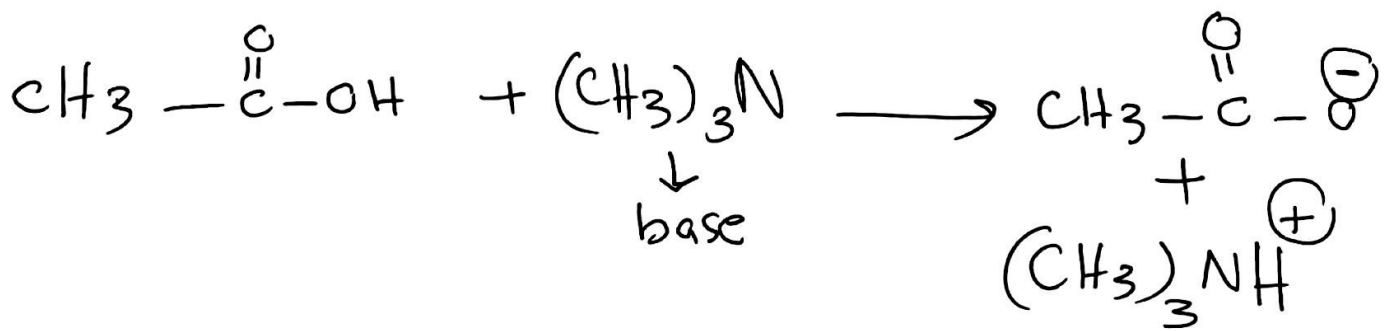


File 1, Page 4:-

Chaple II



File 1, Page 4:-



File 2, Page 2:-

