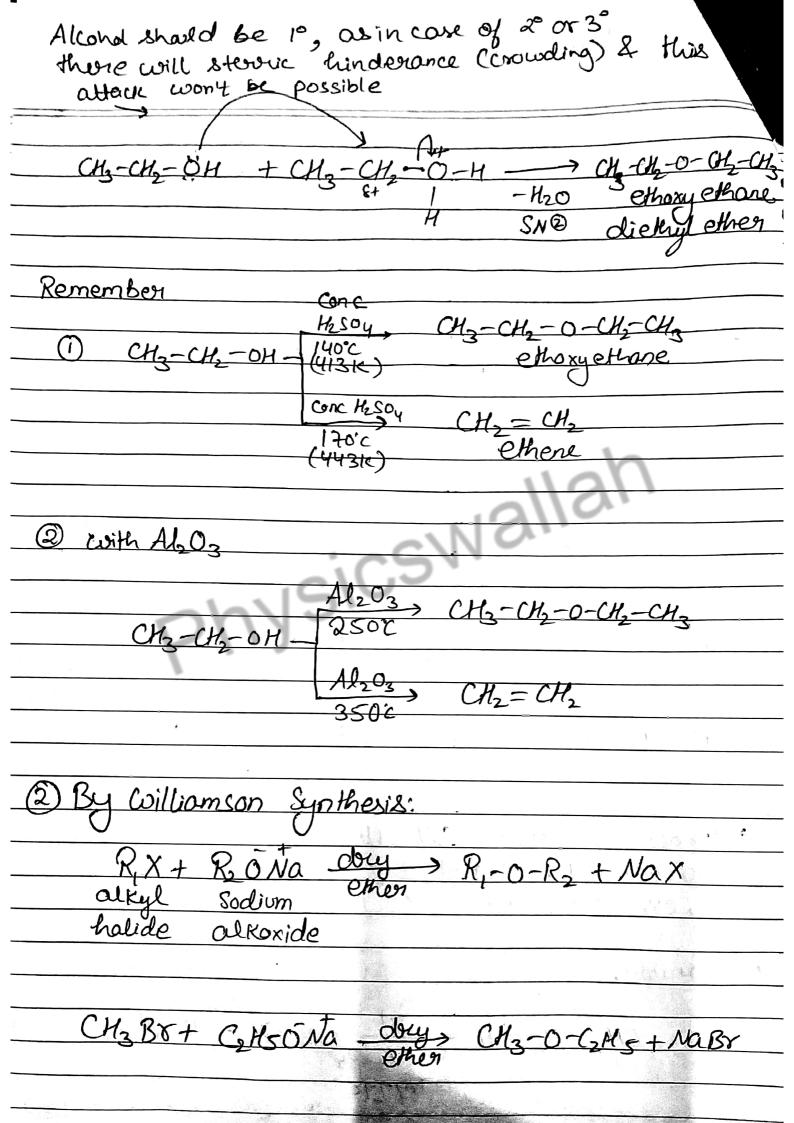
	Alcohols, Phenols & Ethers - 13	
7		
	Preparation of Ethers (R-0-R') Alkoxyalk	)
, 	Alkoxyalk	one
<b>—</b>	· ·	
	(1) By Dehydration of Alcohols: with conc H2SO4	
	with conc H2SO4	
		<del></del>
	CH3-CH2-OH CONC H2504> CH3-CH2-O-CH2-	CH3
	140°C (413K)	
	Note: At different Temperature, different product	t is
	Jonned.	
	11011	
T	· CH3-CH2-OH Conc 16504> CH2=CH2	All given
T	. СН3-СН2-ОН <u>Conc 16504</u> СН2 = СН2 170°С (443K)	Temperatur
$\top$	-1C.5	ore
T	CH3-CH2-OH CONC H2SO4> CH3-CH2-O-SO3H	for
1	257 (29.8%)	ethanol
$\dagger$	K 1.3	
+	OH CH OH CONCH-MIN FOUR TOUR THE TOOL	For higher
$\vdash$	CH3-CH2-OH CONC H2504> CH3-CH2-O-H SO3H	alcohols
-	<u> </u>	] lower
		Temp is
	> Proceeds through SNO Mechanism	required
	* No Caribo cation * Attack from sear side	
	* Less steroic Caubon * 1º72°73°	4
M	echanism:	
==	-	
	CH -	1
- '	CH3-CH2-OH CONC H2SO4 CH3-CH3-O-1	
	<u> </u>	
	443K Protonated al	cohol
	- The Control of the	



This reaction also proceeds through SND Mechanism
Machanism'
CU-OND SCHOOL NO
C2H5ONA -> C2H5O + NO Ancle ophile)
AND THE PERSON NAMED IN COLUMN TO TH
$\sim$
GHS O + CH3-B8 -> C2H5-0-CH3 +B80
67 (1°)
Note: Alkyl halide should be primary (1°)
In case of 2° or 3° alkyl halide there will be stervic hinderance & hence this attack of R5 is difficult.
In case of 2° or 3° alkyl halide there will be
Hervic hindprance & hence this attack of
25 is dillicult.
KO 1/3 W 1/3 CONTROL
CH CH and down CH-O-CH2+ NOI
CH3-I+ CH3ONA dony > CH3-0-CH3+ NAI
CHZ
A + B dory > CH3-C-0-CH3
alkyl Sodion - CH3
holde alkoxide
Find ALB
A -> Should be P CH3
$CH_3-BS+CH_3-C-ONQ \longrightarrow$
1
il CHO-ONO + CHO-6-RX Elimination
7
CH3 X Crest page)

