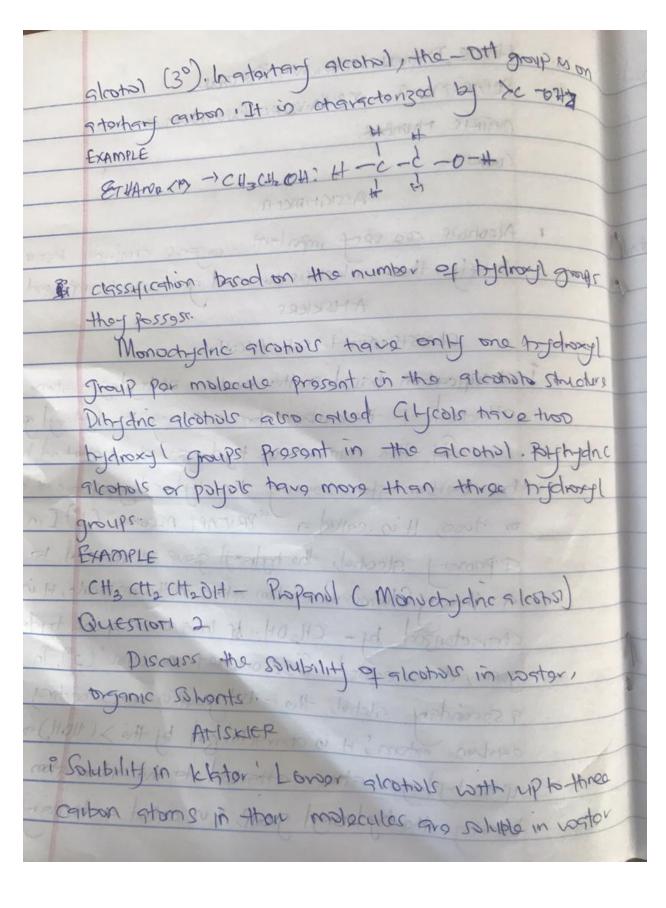
IYAMU UCHENNA PRECIOUS

19/ENG06/031

MECHANICAL ENGINEERING

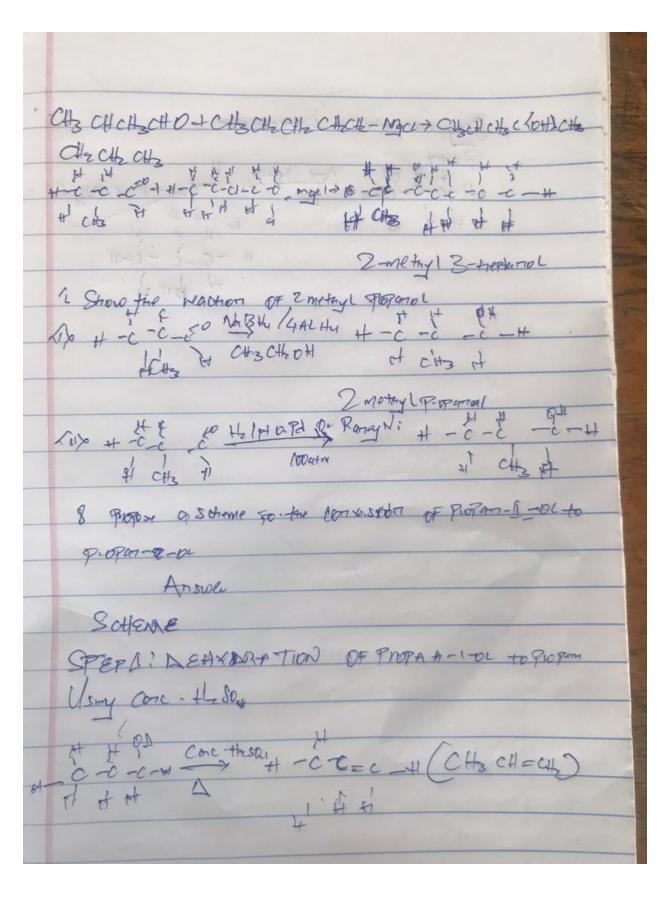
CHM102

PHONE TYANGE MOHENNA PRECEDES
DERARIMENT MECHAINTOAL ENGINEERTHOG
MATRIC HUMBER!
COURSE - 14 MM MANUS OF MANUALTE
Assignment
1 Alcohols are very important organic compounds. Piraus
brieff their classification and gree one example each.
Attskiers nong of
CLASSIFICATION OF ALCOHOL ACCOUNT
I chasification parad on the number of tipologien atoms
attacted to the carbon atom containing the tydryl golf.
If the number of tydragon stone attached to
the carbon stom being the trydroxyl group are three
or two, His called a "PRIMART ALCOHOL" (19) [in
a bush deappy the titural desir is attented to
a firming Ctorminal carbon atom in the molecule, His
characterized by - CH2OH. by In a case space tride-
gon, H is called "SECONDARY ALCOHOL" (29). In
a socialist archard the - OH Group is on a social of
carton atom: H is characterized by the > (HOH) and
it up tologial atmin attended to the airpour apare
borning the trydrosof grains to a read a tertiains
0 0 0 0 0 0 0 0 0 0



because those lower globals can form hydrogen bond Ithidules retires and malander. "The voter solubility of except gocrasion rough mouseured construct unposition were, is Slubility in organic solvents." All monochydnic alcohologue soluble in aganic solvents. The solubility of simple alcohols are both the both die alcohols is largely due to their aprility to law the pada bands with roster mile cules 1 QUESTION 3 Show the three stops in the industrial manufacture of otherwal. Equations of vorction are mandatory INDUSTRIAL MANUFACTURE OF ETHANIOL Carbotyfritos such as stach gra mader growth of natural compounds that can be made to juid athans! by the biological process of formaristion. The biological Catalian I oushow tomy in fast prosk your tho carpotydrate molecules into othernal to give a juice of 9500 mm men will show the muses STEP 1. The starch containing materials include mo-Lassos, potatoos, corosto, no and on vogeming with 60°C for a spacific poinced of time are conver-

tod into "matters" by the enzyme diastare continued
tod into marrows of
in the malt.
2 (Cc thio Os) n + nt/2 U diastrise matter
carphydrate.
ALIM DALMADOROM IT
STEP 2! The mathers is boken down this Jucoce on Edding
of just which contins the ensure matters and als
tomposture of 15°C 1 mol -1 /tilled visit of
tompositive of 15°C (5°C) 2 CoH12 Oc C12 H12 O11 + H20 meters 2 CoH12 Oc
maltes voitor suguesse
before Trateston often nests south of confe
STER3: the glucose of content tompositive of 1500 is than
converted into alchel by the enzyme zymace control
also in tost
Cetto De 27maso -> 2 CHz CHOH + 2000
Glucace Ethans Canpon (iv) oxide
A QUESTION 4 MANON
Those the reacher botween 2 mothylproposed and butt
modu. celamoppingo Horizo
magni es rumation de. Hint: Evan Cirignaid Strithasis.
ANSKIER Symmos
2- Methyl popanol + Bay maginesim Office-2?
The state of the s



Dane Quatro H -C -c - C-H 6H H ्र में में में मार्थिय में में में 一年の一日の一日 是一年 14 14 14 1 1 1 1 1 1 1 1