NAME: OGIONWO TAMARAMIEBI

MATRIC NO: 19/MHS02/087

COURSE: GENERAL CHEMISTRY 102

DEP: MHS/NURSING

OGION LO TAMAR	'AMICQ
19/mH502/087	-3111(Col
mtts Mursing	
CHEM 102 (GENE	PAL CHEMISTRY)
lia) they are a	lassified based on the numb
er of mydroger	atoms attached to the
Car ben atom	containing the hydroxyl
group.	
- H the more the	an two hydrogen atoms >
1 CPrimary ate	
H tel moventham	Just one hydrogenatorn ->
2 (Secondary	3° (Tertiany alcohor)
facunate: at	3 of Cl' => Rimary alcohol)
(b) they are class	ited based on the number of
my choxyl group	
- monomydric al	cohol => If theres only one
mydroxy I group	
	of =) if there are two hydro
tyl groups.	and the same of th
- Trimydric alcot	not =) if there are three hydro-
X Al charbs.	

-	polyhydric alcohol of If there & are more than
	polyhydric alcohol & # 3:00
	three highest allows. (Ethane-1-5-dial)et
	Cdihydric alcohol).
	carryane steems
2	For water:
	- 1 1 de legeth un to Thice la los
	the more lectures are soluble seems
	they can form hydrogen bonds will be
y	molecules.
1	to a conte
1	For organic solvents: All monohydric alcohols are soluble in organic
	solvents.
	20/00-/
3-	2(C6H12O5) nt nH2O > n (12H22O11
	Carbonydreste matase
	The maltase is broken down into ghouse on
Cantilla S	addition of years which contains the enzyme
	mattase and at a temperature 15°c.

C12 H22 1011 + H20 152 / mattase 2 C6H12 OC maltase The glucose at constant temperature of 15°C is then converted into alcohol by the enzyme. Zymase contained also in yeart. CG H12 OG Isi Permase 2(H3 CH20H + 2CO2
GWOSE Ethanol ahrose Ethanul 4. cH3 CH2 CH2 CH2 mgcl t cH3 - cH CH=0

(CH2) 3 (CH3)2 CH

cH3 - c tomgci NH2CL

H, OH CCH2)3 EH3 - C-OH + OH + mg(UH) cl4 5 (ctt3)2 ·LiAlts/420 (A3 CH2 CH2 CH2 COH) butanol (1" atcohol) C2-methyl propanel

C propon = 1 = 01 propon = 2 = 01

CH₃ CH₂ CH₂ OH + H₂ SO₄ \rightarrow CH₃ CH₂ OH₂ OH₂ ON₃H

CH₃ CH₂ CH₂ OH + H₂ SO₄ \rightarrow CH₃ CH₂ CH₂ OH₂ ON₃H

CH₃ CH₂ CH₂ OH₃ OSO₃ H \rightarrow CH₃ CH₂ CH₂ OSO₃ H

CH₃ CH₂ CH₂ OSO₃ H \rightarrow CH₃ CH₂ COH) CH₃

(Propon = 2 = 01)