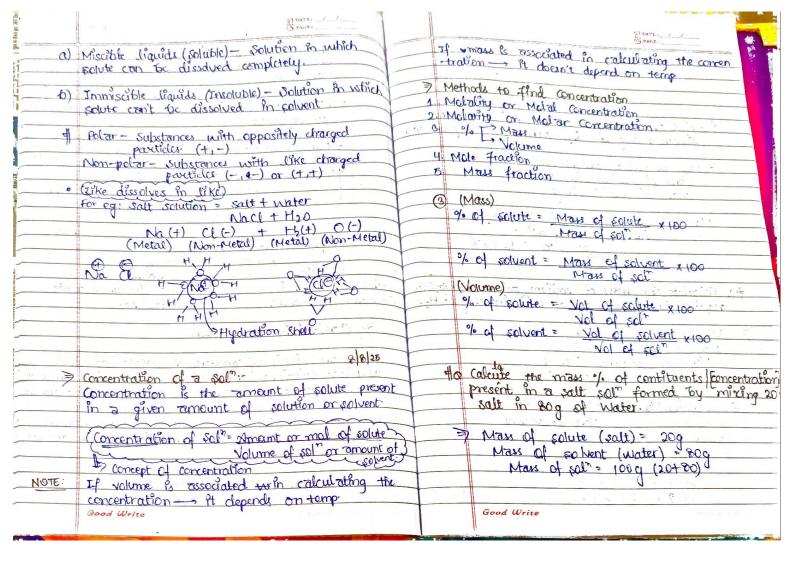
	PAGE:						
	Home work						
	Chapter-2 (Is Matter Around						
	Us Pure)						
	C1 - 200 - 10						
	Classification of Matter on						
	the basis of Chemical Composition						
10	(Pure) (Impure Mixtures)						
ax.	Similar Kind of particles. * diff. Kind of particles						
*	Finilar Kind of particles. * diff Kind of particles Can't be separated physically * Can be separated physically.						
	V	physically.					
0	Clement	Compound					
x consis	t of same *1	tatter which Homogeneous Heterogen -eous.					
Kind of	Colaise of 20						
respect	to their size, more Kind of						
strape,	etc. atoms in fixed mass ratios.						
x iney	cally or chemically. separated						
physico	ally or chemically. separatea chemically.						
And the second s		Chermony.					
and the second section of the second	ELEMENTS						
	METALS	NON-METALS METALLOIDS					
0	Mealleable	enter-Mallerable of Subs which can					
	A service of the service of the	(prille) show properties					
0	Ductile	enou-ructile of both metals					
	Sonowu	· Non-sonerous 2 non-metale.					
	Zustrous	· Non-Lustrous de de la commentante					
5	102 h molting 8	stow melting &					
0	13 han mer 3	-boiling pant					
	boiling point	DOLUTY /					
	The state of the s	A STATE OF THE STA					
110	Good Write						



	▼ 1
PAGE.	ÉÌ DATE/_/
Lalk VIM	COn 40-2x + 20 - 100x
Mass % of solute = Mass of solute x 100	$\frac{20 = x}{160 \times 100} \times \frac{100}{100}$
Mars of sol	160 24100 100
= 10 VIOO	0.2 = x
100	x-ti00
0 0 6	0.2 (24120)
to Find the concentration of sol formed by dissolving 29 of ethyl alchohol in 100g of water.	0.5x + 50 = x
deschione are ethyl alchohol in 100g of wall.	0.2x+20 = x
alberting and of strip	x = x - 0.1x
Mass of solute (satistianal) = 20 g	20=0.8x
Mass of solvent (water) = 1009	20 = 2 = 2 = 2 = 2 = 2 = 2 = 2 = 2 = 2 =
	The same of the second of the
	1 Co. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Mass % of solute = Mass of solute x 100	Mass of Nagson is 25 g.
	The Market Son State of the State of
Mass of sol" = 201 x 100 = 16.67%	1.10 0 01 4 000 1 00 - 00000 11825
1004	3 3rd Classification of sol":
	on the hard of one of muticipal
#Q. Calculate the mass of sodium sulptate (Na25Qu) required to prepare 20% of sol" in 100g of H20.	The course we will see the company the control of the company the control of the
#Q. Calculate the mass of society in 1000 of Han	a) True som - wire of particles less than Inm.
required to prepare 20% of set 111 teg	· +lomogeneous misuture
	a Nia servetion formand
> Mass % of sol" = 20%.	o No reparation boundary
Mass of solute = xg	o Ex- Nath sel
Mass of solute = rig Mass of solvent = 100 g	The Nate of
(Mass of sol) = (x+100) g	e) (-10 94 0 - 0.10 - 0.00 - 0.1 - 0
(N 100) g	b) Colloidal sol Stre of particles between 1-100
Concentration Mass % = Mass of solute x100	· Appeals to be tiomageneous m
Mass of solvent	but fletorogeneous
	- but teterogeneous • No visible separation foundant • No vilteration possible through
$\frac{20\%}{x+100} = \frac{x}{x+100}$	· No filteration possible through
attion of the state of the stat	filter paper
200 (x+100) = 100x	filter paper • Ex- Milk in water
	тип п
0.2 (x 4100) = 400x	Good Write
Good Write	Good write

•		<u> </u>	PAGE		El DATE.
-		1 2 2	Solutions		Alpi Concentration W1 x 100 W2 136 x 100 = 26.47% Herre, the concentration of the call
	Sal (Calloids)	Suspension		-:	w x (00.
	The state of the s	1) Heterogeneous	1) + lomogeneou		W
) Heterogeneous	mintage.	11 11 Deture		134 1100 26.47%
-	misture.	THIRD CHILL			Herre, the concentration of the solution at 293 K is 26.47%.
- 2	We cannot see	2) Particles are	2) The partides		293 K is 26.47%
	-4- 0 1-	wiether by the	ora not varible	-	Tohnolo
7 10	positide with a	human naked eye.	to a naked eye	Z	Intext Ques (Pg-19)
	naked eye	101 XX 101 -		01	Clareto to La
-	4	. 09 19	3) Umable to	QI	Classify the following as physical or chemical
3)	They can scatter	3) Scatters the	scatter the bean		changes: tollowing as physical or chemical cutting of trees - Physical
	the theam of	beam of light	of light		trees - Physical
	light passing the		of argue	0	melting of thether ?
_	-ough them	them		1	melting of butter in o pan - Physical
- 11	Solute partides	1) Colute couticles	4) Solute particle	0	rusting of almirah - Chemical
- 4)	count be separ ated by filtera dimentation—from	and the secondard	cannot be sepa		in the solution and the siling of
	-atod to Litora	to delitoration	-rated by filtero	O	boiling of water to form steam - Physical
and se	dimentation - Hon	Eg The arch	-tion and sedim		
150 15	a decrease unit for	ala din Arid	-entation	0	passing of electric current, through water as the Water breaking down into H2 & Oz.
	marin or, and			1 in the	the Water breaking down into H2 & Or.
	To make a pat	wated solution,	369 of sodium		Chemical P & Solinar 12
	chloride is disso	olved in 100 g of	water at 293K		
	Hind its concent	valued in 100 g of ration at this to	mperature	10	dissolving common salt in water - Physical
1 0	l la company			-	A Black on the first factor with the contract of the contract
Nns 3:	Given that,	2 11 011	260 = -	0,	and of hear only true hours in
	Mass of solute (a	sodium: chloride)=	000 - 113	+	-0
	Mass of water	(as a solvent) = 1	- w	0	part process and the same
	Therefore, the tot	tal mass of sol	ution = 100+36	1	2 Try segre gating the things around you as
1917	100 Deputs . 600	1/2 1/2 2	1369 = W	, ,	pure substances or mixtures.
	Good Write	USAS ALECT	The Lor	1	Good Write