C	111	D. Quiza		(10) Inuction
	= Mid.	Physical_Chemistry	2 nd _YUGS_EV_ST	(700)
	8	عام قارم	- Wa	35
Name of a stud	ent	ما قد قالق	Signature S	No.3
Mustansiriyah	University		2nd S	EM-2025 Bologna Process
Department of	Chemistry		20 Mid	Exam_Class_B_Paper_B
	Answer the follo	1 CY	50) 01/	(Marks 50 %)
1: If the relation	n between the ar	mount of solute and the	II is proportional, then the	
Answer: a) П	αVP	b) П а ВР	— c) II a V	(1) II a [B]
2: If the deposit	tion is dominate	d, then one of the follow	ving will be true.	
	$A_{vap}H = +ve$	b) $\Delta_{vap}H = -ve$	c) $\Delta_{sub}H = +ve$	$d\Delta_{Sub}H = -ve$
2. 17	L		• • •	
Answer: a) zo		when the number of vai	riants is one and the numb	ber of components is one?
4: Which One of	of the following f		이 경우 그는 사람이 있다면 하셨다면 보면서 하면 보다가 되는 때문에 가장 그렇게 되었다면 하셨다면 하셨다.	deviation from Raqult's law?
Answer: a) P*	$A \neq \chi_A P_A$	$b) P_A = \chi_A P^*_A$	c) $P_A > \chi_A P^*_A$	$\mathcal{D}P_A < \chi_A P^*_A$
5: Addition of a	non-volatile so	lute to the pure solvent	causes a change in?	
Answer: a) Δ_{mi}		b) $\Delta_{mix}S$	c) $\Delta_{mix}V$	Datt of these
) /		5-9-21 × 0-1	1	
6: How many p Answer: a) p	and F of CO_2 w	phen it is positioned at the body p = 3 & F = 0	the boundary of the phase? c) $p = 1 \& F = 2$	d) $p = 2 \& F = 2$
zinswer: u, p		<i>p</i> - <i>s a</i> 1 - <i>o</i>	0, p-1 & 1 - 2	a) p - 2 & r - 2
	and ice are form	ned from?	10	
Answer: (a) 1	C	b) 2 C	c) 3 C	d) 4 C
8: With the two	-component syst	em (Pb & Ag), one part	of the solid phase consist.	s of?
	b + Ag	b) Pb +solution	c) Ag + solution	Pb + eutectic
9: If you add a	non-polar solute	e to a non-nolar solvent	then the evnetted type of	mixture will be law.
Answer: a) Vai		b) Raoult's	Tve form Raoult's	d) + ve form Raoult's
10: If it is requi	ired to calculate	the Y_A , then one of the	following laws will be app	licable?
Answer: a) Ra		b) Henry	c) Dalton	d) Van't Hoff
02 The VP of	pure benzene is	75 mmHg at 20 °C, an	nd VP of pure toluene is 2	5 mmHg at 20 °C. The
	propine and the language of the second second second	American Company Company	and the second s	ch component after mixing?
. 7		(Zeno_	Can Say	(Marks 25%)
03. Using the d	liagram helow	and the appropriate ph	ase rule, fill in all the bla	
			bria, all reversible and ir	
			eft of points C, E & AB?	(Marks 25%)
THE WASSIES U	- vane a emiliary in	to the right and l	ATT OF BOTHER OF THE WILL	()



Name of a student -- Signature -

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