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A SIL A	Lavire	ry_2 nd _YUGS_EV_ST	(90)
Mid Line	Physical_Chemist	ry_2^{nd} $YUGS_EV_ST$	TO ONE
		,	5)
Name of a student	ماء عالى سكويج	Signature 3	The ball
Nume of a statent		Signature	No.
Mustansiriyah University		and Gi	M-2025_Bologna_Process
Department of Chemistry			exam Class A Paper C
Department of Chemistry	1	5	zxum_ciuss_A_1 uper_c
O1/MCO test (Answer the	following)	7) /	(Marks 50 %)
y solive () dod	13(88)	50	
1: Depression of freezing p	point of a solution means	increasing in?	
Answer: a) T	b) H	с) µ	(d) S
Deell Giz / ge	برائه الإقام الا	2010 10 10 10 10 10 10 151.	7
		systems, then the expected va	lue of pressure is?
Answer: a) zero	b) 1	c) 2	d) 3
(15)	. New Cop is al	met so healt	- 11
	can be applied when the n	number of components is	?
Answer: a) zero	(b) 1	c) 2	d) 3
السامة للقافون الأث	in the property of	dilizator adico	C12
4: Which One of the follow	wing formulas represents	the right equation of negat	ive deviation from Raoult's
law?	1.		
Answer: a) $P_A^* \neq \chi_A P_A$	$P_A = \chi_A P^*_A$	c) $P_A > \chi_A P^*_A$	$d) P_A < \chi_A P^*_A$
· Jail!			
5: Addition of a non-volatil	e solute to the pure solver	nt causes a change in?	
Answer: (a) Amix H	b) $\Delta_{mix}S$	c) $\Delta_{mix}V$	d) all of these
	1 21 3 Toll	A SOLY	
6: The difference between p	oure and impure solvent is	s?	
Answer: a) $\mu^* = \mu$	$b)\mu^* > \mu$	$c) \mu^* < \mu$	d) $\mu^* \neq \mu$
		11.0	
7: The relationship between	$1 \Delta T_f$ and γ_B is?		
Answer: (a) direct	b) inverse	c) disordered	d) none of these
1.C 1 400V	Leville 1115 M	The Artist elip neut	3
8: With the two-component		of the solid phase consists of	?
Answer: (a) $A + B$	b) A solution	c) B + solution	d) A + eutectic
عاصات الواول	and the second	W. VICTuo Silo Fig.	
9: If you add a solute to a s	olvent, then there is a dec	rease in the of the sol	ution.
Answer: a) S	b) H	COP	d) μ
0) - ('5, 9-01	Letter with the	lon in any I	
10: Dalton's law is used to	calculate the partial press	sure of phase?	
Answer: (a) liquid	b) gas	c) solid	d) plasma
Miej chias	26 3 La in		And P
etioneses 4	ntaining 4.0 g of an unkn	own substance per 0.5 dm ³	of solution is 10^3 torr at
7	The state of the s	policies and a second	
	r mass of this unknown.	New	(Marks 25%)
5 2	العزے ایج کے کی لک		
03 I sing the diagram hal	ow and the annuanciate	shaga rula fill in all the blan	ke and determine the
Using the diagram bei	ow and the appropriate	phase rule, fill in all the blan	ks and determine the

composition of the all-eutectic mixture, all equilibria, all reversible and irreversible processes, and the name of the regions located to the right and left of points C, E & AB? (Marks 25%)



Physical Chemistry 2nd YUGS EV ST



Name of a student --- Signature -



