	5/	hize 1 - 1	y_2 nd _YUGS_EV_ST	2 Jatole
Name of	a student	6 12 3136 CT	Signature -	No.
	iriyah University ent of Chemistry			M-2025_Bologna_Process xam_Class_B_Paper_B
Q1/MC(O test (Answer the	following)		(Marks 50 %)
1: If the Answer:		he amount of solute and th b) Π α BP	e Π is proportional, then the c) Π α V	right equation is? d) Πα[B]
2: If the Answer:	deposition is dominated $\Delta_{vap}H = +ve$	nated, then one of the followap $H = -ve$	owing will be true. (c) $\triangle_{sub}H = ve$	$d) \Delta_{sub}H = -ve$
	nany phases are th	ere when the number of vo	ariants is one and the numbe	r of components is one?
	One of the follow a) $P^*_A \neq \chi_A P_A$	ing formulas represents the b) $P_A = \chi_A P^*_A$	e right equation of positive de c) $P_A > \chi_A P_A^*$	eviation from Raoult's law
	on of a non-volatily a) $\Delta_{mix}H$	the solute to the pure solven b) $\Delta_{mix}S$	t causes a change in? c) $\Delta_{mix}V$	d) all of these
6: How n Answer:	nany p and F of C a) $p = 2 & F = 1$		the boundary of the phase? c) $p = 1 \times F = 2$	d) p = 2 & F = 2
7: Liquid Answer:	water and ice are	formed from? b) 2 C	c) 3 C	d) 4 C
8: With the Answer:		system (Pb & Ag), one par b) Pb +solution	rt of the solid phase consists c) Ag + solution	of? d) Pb + eutectic
9: If you Answer:	add a non-polar so a) Van't Hoff's	olute to a non-polar solven b) Raoult's	t, then the expected type of n c) - ve form Raoult's	
	s required to calcu	late the YA, then one of the b) Henry	e following laws will be appli c) Dalton	cable? d) Van't Hofj
	SOUTE	0 8/	مفولخ	
	V V Comment	The state of the s	and VP of pure toluene is 25	SECURIOR SEC
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03/ Usin	0 0			
A.		eutectic mixture, all equil	libria, all reversible and irre	eversible processes, and



Physical Chemistry 2nd YUGS EV ST



Name of a student -Signature -

