	Physical_Chemis	try_2nd_YUGS_EV_ST	Ja Too
ame of a student	man against the state of the st		No.
Sustansiriyah University epartment of Chemistry			Exam_Class_B_Paper_B
I/MCO test (Answer the follo		ت من علي المناب والمعد المنسو	(Marks 50 %)
If the relation between the a nswer: a) II a VP	mount of solute and t b) Πα BP	the II is proportional, then the	ne right equation is? d) II a [B]
If the deposition is dominate $\frac{1}{1}$ $\frac{1}$	d, then one of the following $\Delta_{vap}H = -ve$	lowing will be true. c) $\Delta_{sub}H = +ve$	d) $\Delta_{out}H = -ve$
How many phases are there nswer: a) zero	when the number of b) I	variants is one and the numb	ber of components is one?
Which One of the following jumps $P^*_A \neq \chi_A P_A$	formulas represents to b) $P_A = \chi_A P_A^*$	the right equation of positive contraction $P_A > \chi_A P_A^*$	deviation from Raoult's law?  (1) $P_A \leq \chi_A P^*_A$
Addition of a non-volatile so nswer: a) $\Delta_{mix}H$	lute to the pure solve b) $\Delta_{mix}S$	nt causes a change in? c) $\Delta_{mix}V$	a) all of these
How many p and F of $CO_2$ was unswer: a) $p = 2 & F = 1$		t the boundary of the phase?  (c) $p = 1 & F = 2$	d) $p = 2 \& F = 2$
Liquid water and ice are formuswer:  (a) 1 C	med from? b) 2 C	c) 3 C /2 in second	d) 4 C
With the two-component systemswer: a) pb + Ag	tem (Pb & Ag), one p b) Pb +solution	art of the solid phase consist c) Ag + solution	d) Pb + eutectic
If you add a non-polar solut nswer: a) Van't Hoff's	e to a non-polar solve b) Raoult's	cnt, then the expected type of c) - ve form Raoult's	mixture will be law. d) + ve form Raoult's
9: If it is required to calculate nswer: a) Raoult	b) Henry	he following laws will be app c) Dalton	olicable?
2 The VP of pure benzene is	75 mmHg at 20 °C,		25 mmHg at 20 °C. The
mole fraction of each pure	e component is 0.5. V	L	ch component after mixing?
3 Using the diagram below			
	ectic mixture, all equ		

