

رقم الشعبة

الرقم الجامعي:

اسم الطالب:

C = 12, H = 1, N = 14, O = 16 Ag = 107.9, Na = 23, Cl = 35.5

الاوران الذرية:

R = 0.082 atm.L/mol K = 8.314 J/mol K,  $N_A = 6.02 \times 10^{23}$  particle

ثوابت:

				.(				):																
								450 g				-												
1.5 x 10 <sup>25</sup>				(	3.0 x 10 <sup>25</sup>				(	1.35 x 10 <sup>26</sup>				(	3.0 x 10 <sup>-25</sup>				(					
(O)				(H)				2.2%				(C)	26.6%								-			
								90 g/mol =																
C <sub>3</sub> H <sub>3</sub> O <sub>6</sub>				(	C <sub>2</sub> H <sub>2</sub> O <sub>2</sub>				(	C <sub>2</sub> H <sub>2</sub> O <sub>4</sub>				(	CHO <sub>2</sub>				(					
				:				NaCl				7 g	AgNO <sub>3</sub>				15 g					-		
				AgNO <sub>3</sub> +				NaCl				→ AgCl + NaNO <sub>3</sub>												
AgCl				6.4 g								%												
40				(	80				(	200				(	50				(					
								1000 ml								50 g				-				
0.85 mol/L				(	0.05 molar				(	0.085 mol				(	5 M				(					
								:								Pa				-				
kg / m <sup>2</sup> s <sup>2</sup>				(	kg / m s <sup>2</sup>				(	kg m/s <sup>2</sup>				(	N/m				(					
								atm												-				
[b = 0.04 L./mol,				a = 4.20 atm/mol <sup>2</sup> L <sup>2</sup> ]				30 L								100 C°								
1.019				1.016	(	1.016				1.019	(	10.01				10.02	(	10.016				9.01	(	
(L)								0 C°				4 atm				40 L								-
								100 C°																
123.4				(	54.6				(	100.8				(	109.3				(					
								STP				1.97g/ L								-				
CO <sub>2</sub>				(	O <sub>2</sub>				(	CN				(	NO				(					
783.8 torr												N <sub>2</sub>				2.8 g				-				
23.8 torr																								
				(	0.045				(	0.087				(	0.057				(					
								CO				NO	O <sub>2</sub>	CO <sub>2</sub>					-					
CO <sub>2</sub>				(	NO				(	CO				(	O <sub>2</sub>				(					
				H <sub>2</sub>				0.6 mol				(Km/s)								-				
1.93				(	3.72				(	1.05				(	5.24				(					