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Nama : Azzura Fertiani R.
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Mata kuliah : KIMIA L

No relas : 36

rode Dept : 201

neb : 20125501180

## Pilihan banda.

$$0_{11}=\frac{n}{0_{11}}$$

 $2NH_3(9) \rightarrow N_2(9) + 3H_2(9) \Delta H = +92 \times J$ 

$$NH_3(9) \rightarrow \frac{1}{2}N_2(9) + \frac{3}{2}H_2(9) \Delta H = +46 \times 7 (c)$$

Mata kuliah : Ema 1

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## Essay

## 1.) a.) orae A

$$\frac{V_4}{V_1} = \frac{K[P][Q]}{K[P][Q]}$$

$$\frac{0.024}{0.096} = \frac{K[0.02]^{\times}[0.20]^{9}}{K[0.04]^{\times}[0.20]^{9}}$$

$$\frac{1}{4} = (\frac{1}{2})^{\times}$$

$$x = 2$$

$$\frac{\Lambda^{3}}{\log \theta} = \frac{\kappa \left[ b \right] \left[ \sigma \right]}{\kappa \left[ b \right] \left[ \sigma \right]}$$

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$$\frac{(0.02)^{x}}{(0.02)^{x}}$$
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2.) 
$$\Delta T_{f} = \frac{M glukosa}{Mr} \times \frac{1000}{Mair} \times K_{f}$$

$$= \frac{(P NH_3)^2}{(PN_2 \cdot PH_2)^3}$$

$$= \frac{(1)^2}{(0.5 \cdot 1.5)^3} = 0.5926 \text{ J}$$

\* 
$$K_{c} = \frac{K_{p}}{RT^{n}}$$

=  $\frac{0.5926}{(0.082 \times 400)^{2}}$ 

=  $0.5926 \times (0.082 \times 400)^{2}$ 

=  $637.5$  //

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5.) w = e.i.t