B1.
$$\nabla a co'$$
a. $Cp = \frac{i+2}{2}$. $R = \frac{5+2}{2}$. $8.81 = 29.085 (\frac{1}{2}) \mod (\frac{1}{2})$

Diring $ap \rightarrow Q = \frac{m}{n} \cdot Cp(T_2 - T_1) \left[\frac{\sqrt{2} = 3\sqrt{1}}{\sqrt{1}} \right]$
 $\Rightarrow Q = \frac{20.00.05}{2} \cdot 29.085 \cdot 2 \cdot (293 + 37) = \frac{360.05}{2} \cdot (\frac{1}{2})$

b) $\Delta U = \frac{m}{n} \cdot \frac{1}{2} \cdot R \cdot (T_2 - T_1) = \frac{90.40}{2} \cdot \frac{1}{2} \cdot 8.31 \cdot 2(273 + 87)$
 $= 25 \cdot 761 \cdot (\frac{1}{2})$
 $= 31.522 \cdot (\frac{1}{2})$

B B2. $a_1 \cdot Q_1 \cdot (T_2 - T_1) = \frac{m}{n} \cdot \frac{i}{2} \cdot R \cdot (T_2 - T_1)$
 $= 5.6 \cdot 40(\frac{1}{2})$.

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 $= 7.89 \cdot 4.5 \cdot (\frac{1}{2})$
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B3: a, N. lilog ch. dong nhiệt của khôi khí $U = \frac{m}{u} \cdot \frac{i}{2} \cdot R. T = 3,673 \text{ G}$

S, ex $C, = \frac{m}{2} \cdot \frac{1}{2} \cdot R(T_2 - T_1) = -445, 18(5)$ $DU = \frac{m}{2} \cdot \frac{1}{2} \cdot R(T_2 - T_1) = -445, 18(5)$

Bai 6. Theo Taco' c. thuic $P \cdot V = \frac{m}{u} \cdot R \cdot V$ $-7 \frac{P}{m} = \frac{P \cdot V}{u \cdot V} - 7 \frac{P \cdot I}{m \cdot I} = \frac{P^2}{m^2}$ $-7 \frac{2}{0.05} = \frac{0.8}{m^2} - 7 \frac{m^2}{2} = 0.02$ Vay lung this lay at co' klg = 0.03 (kg)
Bai 6: