Homework 4: Entropy of Physical systems
1) T=296 K, 0Q=10-0 J ToxTe
1. 45=2 45= 50 = 1 (10-6) = 35-x10-9
C block w
3 806d T= 300 K AVICW mc-2.2 kg copyer
CV= 126 7
1. Tp=24Q4 = a Qe - cy(m2)(Tp-Tx) = Cx (me)(Tp-Tc)
TA: 1025.6 Te
70 = 7
TE 5 01
(12 C 14 2 40 000 AC - AC A ALL
8
TA TA TO-0.5 V TB-0.2 CU(T) = 0.00 17 3.
25 tot-2
- mate: mate
The smile
67 dr 3 - 7 - 1 - 633
The 1000 - 300 The life ~ (0.000 285 3/L)
3