Heat and Theoremodynamics

Problems-4

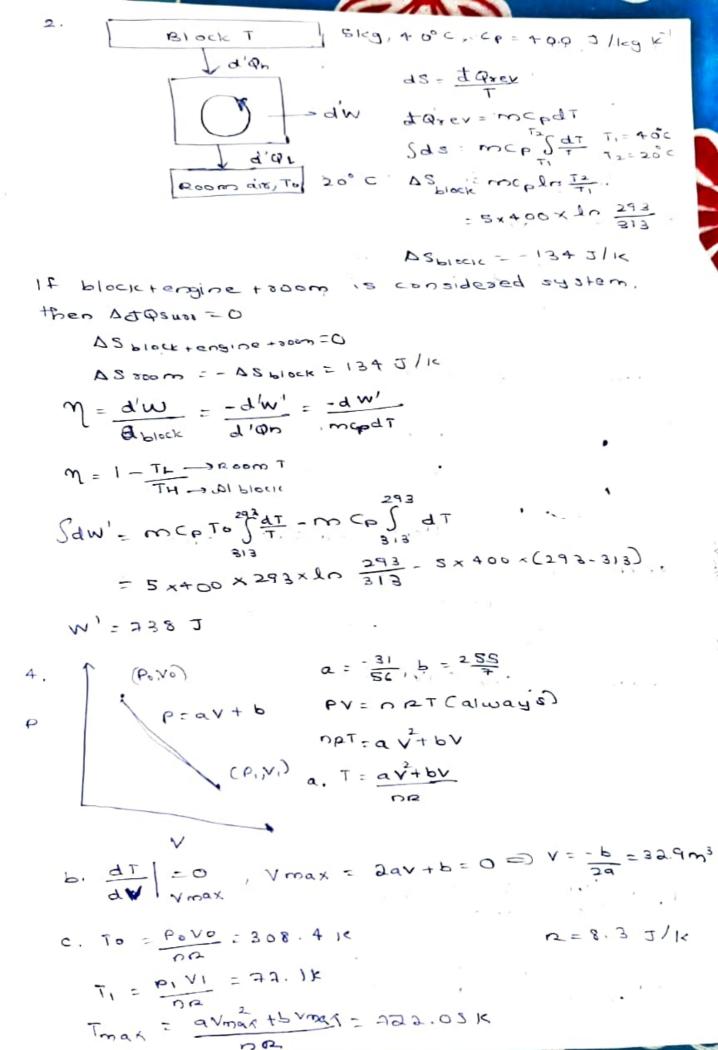
Problems-4

Whot: 100 kJ Rev Cyclic Device P3 = 2

T2=500K

Rev Cyclic Process DD DU = 0

AQ = Whole P2+Q3 = Whole P2+Q3 = Whole P2+Q3=100
$$\Rightarrow$$
 $\frac{d}{d}$
 \frac{d}
 $\frac{d}{d}$
 \frac{d}
 $\frac{d}{d}$
 $\frac{d}{d}$
 $\frac{d}{d}$
 $\frac{d}{d}$
 $\frac{d}{d}$
 \frac{d}



d.
$$Q = \int dU + \int P dW$$
 $U = \frac{3}{2}PAV = \frac{$