3.DZ (Termodinamika p+1)

P= $\frac{Q}{E} \rightarrow P = \frac{m \cdot Li}{E}$

 $\frac{m}{t} = \frac{P}{4} = \frac{120}{2428344} \quad 3600 \quad 1000 \quad \frac{9}{h}$

m = 1000 g/m3-300ml

Mc+mv=035 → mc=0,3-mv

(0/3-mv) Cv30-mv Cv52+mg. Cs. so

> my = 90, -m; c; 50 =0,09186

9. Cv - ms Cs. so = mv Cv . 82

Vv=91,8 mL

Mc , Cu (100-70) = (my)cv(70-18) +mscč(70-20)

0,3 · Cv.30 - mv. Cv.30 = m vCv 52+ms. Cs. Su

0,3= 1,7mv +mv

m, = 1 4 = 0,1114

+ -177,9 glh

P = E. S. O (Te 4-Tz)

S+ = (15m2

Fredatal 2.)

to60 = 370c = to

m (eng) =?

Li = 580 Ecal/4

Ladata & 3.)

t=70°C

të= 100°C

to = 19°C

V=300ml

20datak 4.)

f = 30,c

tc=100c

tu = 18°C

V = 300mL

L+m=0,3kg

V_V =?

- guli energiju isparavanjem

P fretabolizam) - 120W

L, 24 28344 Jkg

 $W = \frac{3}{5} \Rightarrow \frac{3}{6} = 3600$

V = Vc + VV

Cx = 840] | 4K

Cv=4186]/g/L

ms = 150g

ts=20°c

Mac ATI = MC ATI

m = mit mv=0136 -

mi (100-70) = Mu (70-19)

me = 1.7m2

MZ . 30 = My . 51

brzina gublicuja topline? -[w]

P=119,44W $\frac{P_{c}}{P_{cT}} = 70\% \rightarrow \mathcal{E} = 0.1$

P=SoT4 za como tijelo ti=34°c = 307, 15K

Hadatak 1) t= 190 = 288, 15K

Stefam Boltzman-ponjeneo toplune zrcičujem