Uman Ali 03-134221-044 14Signment#03 Q#01 300° at 230€

at t=3\$(3) T(3) = Tot 2300 300 = 70 + 230 e 200-70= 230€ 2130 = 230 e 1 3h (1) 1 = 230e. 0 = 8 = 8

3 h _0.19018 t +230 e -0.19018t what 70

Q#02

$$t = 0$$
 $T = 100$, $T_{A} = 5$.

$$\frac{SS}{95} = e^{10k}$$

$$\frac{y}{19} = e^{10k}$$

$$\frac{1}{10}\ln\left(\frac{11}{19}\right) = k$$

h= -0.05465 = 5+950 T=20° 20 = 5 + 95e 20 = 5 + 95e -0.05465t 20 - 5 = 95e -0.05485t 15 - 95e= 95 E 0,05 465t 0.05465 33.77 SINK MI GOLDEN MAN 1910