

Potentially useful equations that will be provided on the exam:

$$N_t = N_0 e^{rt}$$

$$R_0 = \sum(l_X m_X)$$

$$dN/dt = rN$$

$$N_t = N_0 \lambda^t$$

$$T_G = [\sum(x l_X m_X)] / \sum(l_X m_X)$$

$$dN/dt = rN(1 - (N/K))$$

$$e^r = \lambda, \text{ or } r = \ln(\lambda)$$

$$r = \ln(R_0) / T_G$$