1. According to the author, what were the six different methods of estimating human carrying capacity that have previously been used?

2. What is Leibig’s Law of the Minimum? How was it applied to estimate human carrying capacity? What are the problems with Leibig’s Law?

3. Which types of models do you believe more accurately describe human population growth – deterministic or stochastic? Why?

4. Why were Malthus’ projections for human population growth erroneous? Do you think that some of his assumptions will continue to be wrong or are they likely to become correct in the future?

5. Explain how the author’s equation for how population size changes with time \[\frac{dp(t)}{dt} = rP(t)(K(t)-P(t))\] is similar to and different from the equations we learned in class.

6. Why does the author propose a carrying capacity that is variable and not static? Does it make sense to you that the carrying capacity should vary depending on the population size?

7. What were some interesting/unexpected things that you learned from reading this article?