Final Exam Questions

Questions 1 – 12: Lectures 1 – 12 (Professor Mahler)

1. Selection on a quantitative trait will change the distribution of trait values from one generation to the next in the population under selection. Which of the following will lead to a change in the average trait value of a population?

i. Stabilizing selection

ii. Positive directional selection

iii. Negative directional selection

iv. Disruptive selection

A. iv only
B. ii and iii only
C. i and ii only
D. All of the above (i, ii, iii, and iv)