

Chapter 7 Overview

Section 7.1

Know all key terms

Be able to provide an example of **ARTIFICIAL SELECTION**

Answer questions 1,3,4,7 pg. 287

Section 7.2

Know all key terms

Be able to describe Lamarck's idea and why it was good and bad

Be able to describe Fossil Formation

Indicate the importance of Uniformitarianism to Darwin's idea of evolution

Answer questions 1 – 5, 7 – 9 pg. 293

Section 7.4

Know all key terms

Understand the importance of Biogeography to Darwin's theory (the Finches)

Compare and contrast Homologous and Analogous features (provide examples of each and how they fit into Darwin's theory)

Describe Vestigial Features and their importance to Darwin's theory (provide an example of each)

Describe Competition and its importance to Darwin's theory

Answer 1,2,4 – 7 pg. 303

Section 7.5

Know all key terms

Be able to list and describe Darwin's observations and inferences that lead to the Theory of Natural Selection

Answer 2 – 5 pg. 307

Section 7.6

Know all key terms

Be able to describe Radiometric Dating

Be able to discuss the importance of mutations as the source of variation in Evolution

Be able to provide an example of a Homologous and Pseudogene

Answer 3 – 9 pg. 313