

End-of-chapter test

Chapter 1: Biodiversity

Multiple-choice questions

Place a circle around the correct choice.

- 1 Scientists describe biodiversity as:
 - A all of the endangered species from a particular part of the world.
 - B the variety of life on Earth.
 - C the study of living systems and how diverse they are.
 - D the study of cellular processes and how they vary.

- 2 Which of the following is NOT a reason to preserve biodiversity?
 - A Organisms may be found that have medicinal value.
 - B New plants may be found that can contribute to the world's food supply.
 - C Humans need to prevent natural evolution.
 - D Genetic material may be found that could be used to improve existing crops.

- 3 Which of the following is NOT a measure of biodiversity?
 - A Percentage present
 - B Relative species abundance
 - C Species richness
 - D Percentage cover

- 4 The Baikal seal is a species of earless seal found only in the fresh water of Lake Baikal in Siberia, Russia. The fact that it lives nowhere else means it is an example of:
 - A a phylogenetic species.
 - B an endemic species.
 - C a morphological species.
 - D an introduced species.

- 5 Australian flora and fauna stands apart from the rest of the world because of:
 - A the uniqueness of the Great Barrier Reef.
 - B its diversity, uniqueness and large number of endemic species.
 - C its isolation.
 - D the marsupials, which include dingoes and koalas.