

Conservation Biology Challenge

Conservation Biology · Answer Key · 8 Questions

1. Which of the following terms describes a species that has an extremely high risk of extinction in the wild?

- A) Vulnerable
- B) Near Threatened
- C) Critically Endangered**
- D) Least Concern

2. What is the primary purpose of a 'wildlife corridor' in a fragmented habitat?

- A) To increase the sale of zoo tickets
- B) To allow animals to migrate between isolated patches of habitat**
- C) To provide a place for tourists to feed animals
- D) To stop invasive species from entering a forest

3. What does the 'IUCN' stand for in the context of global species monitoring?

- A) International Union for Conservation of Nature**
- B) Institute of Universal Canadian Nature
- C) International United Climate Network
- D) Intergovernmental Unit for Creature Naming

4. Which global conservation agreement specifically regulates the international trade of endangered plants and animals?

- A) The Paris Agreement
- B) CITES**
- C) The Kyoto Protocol
- D) The Montreal Protocol

5. What is an 'endemic' species?

- A) A species that eats only meat
- B) A species found naturally in only one specific geographic location**
- C) A species that has been extinct for 100 years
- D) A species that can survive in any climate on Earth

6. What was the main goal of the 'ex-situ' conservation effort for the California Condor in the 1980s?

- A) To move them to a new continent
- B) To capture all remaining individuals to breed them in captivity**
- C) To change their natural diet to farm crops
- D) To monitor them using underwater cameras

7. Which of these factors is considered the single greatest driver of modern species extinction?

- A) Natural volcanic activity
- B) The introduction of non-native decorative plants
- C) Habitat loss due to human activity**
- D) Normal changes in Earth's orbit

8. In conservation biology, what is a 'keystone species'?

- A) A species that is the largest in its ecosystem
- B) A species that has a disproportionately large effect on its environment**
- C) A species that is currently being kept in a pet store
- D) A species that is only active during the night