

Name: _____ Date: _____

1. Adaptation enables species of animals to

- A develop traits that will only affect one generation of the species
- B develop traits that only a few members of the species will ever have
- C develop traits that will help them survive in their environments
- D develop traits that will help them change their environments

2. Which of the following is *not* given as an effect of climate and weather changes?

- A Burmese pythons killing raccoons, possums, and deer
- B mountain pine beetles infesting white bark pines
- C polar bears' decreased weight
- D the comma butterfly relocating to Scotland

3. Invasive species threaten the species of the environment they have moved to. Which evidence from the text supports this statement?

- A The comma butterfly has relocated from England to Scotland.
- B Mountain pine beetles that are able to live at higher elevations are infesting white bark pines.
- C Polar bears forced to raid towns on the edge of the tundra looking for food may be a threat to humans living there.
- D Brown tree snakes that have been transported to Guam have devastated most of the native bird species on the island.

4. The passage suggests that

- A all species of animals are in danger because of climate change
- B some species of animals are in danger because of climate change
- C most animals are unable to adapt to changes in their environment
- D invasive species end up improving the environments which they move to

5. The main idea of this passage is

- A some animals can adapt in order to survive changes to their environment
- B scientists and environmentalists have an important task in reversing climate change
- C climate change has caused the disappearance of too many species
- D adaptation usually has negative consequences for animal species

6. Paragraph 5 begins, "Take the mountain pine beetle." The author uses this sentence to indicate that he

- A would like the reader to take home a mountain pine beetle
- B will next discuss the mountain pine beetle
- C desires scientists to move forward on work with the mountain pine beetle
- D has finished discussing the mountain pine beetle

7. Choose the answer that best completes the sentence below.

_____ climate change and invasive species put different animal species at risk, animals do have a chance to survive if they can adapt.

- A But
- B So
- C For example
- D While

8. Which snake is originally from India and southeast Asia but has now adapted to live with great success in south Florida?

9. Why has it been so easy for the Burmese python to adapt to life in Florida even though the natural home of the Burmese python is so far away from Florida?

10. Explain whether one species can benefit from the inability of another species to adapt to its changing environment. Use evidence from the text to support your answer.
