Chapter 10 Quiz

**10.1: What is Biodiversity?**

1. Define Biodiversity
2. When is a species considered known?
3. What are the 3 levels that biodiversity can be studied and described at?
4. What happens to a food web when one species disappears from an ecosystem?
5. Define Keystone Species
6. What is the benefit of genetic variation for a species?
7. In regards to medical and industrial uses, why do we care about biodiversity?
8. Why is it risky to rely on a few plants for food?
9. Define Ecotourism

**10.2: Biodiversity at Risk**

1. Define Mass Extinction
2. What makes current mass extinctions different from those of the past?
3. What are the 3 factors that make species especially at risk of extinction?
4. Define endangered species
5. Define threatened species
6. What are the major causes of extinction today?
7. Approximately what percent of extinctions are due to habitat loss?
8. Define exotic species
9. Define poaching
10. Define endemic species
11. About how many of the world’s species live in tropical rain forests?
12. What percent of the Earth’s coral reefs are threatened by human activities?
13. Why are many island species endangered?
14. Define biodiversity hotspots

**10.3: The Future of Biodiversity**

1. What is a captive-breeding program?
2. Define germ plasm
3. Why does saving a few individuals do little to preserve a species?
4. What is the most effective way to save a species?
5. Name 2 conservation strategies
6. Define endangered species act
7. How can restricting human uses of land be controversial?
8. Define habit conservation plan
9. Define biodiversity treaty