

Name \_\_\_\_\_  
Bio I \_\_\_\_\_

Hour \_\_\_\_\_  
Date \_\_\_\_\_

## Unit 2 Questions 2.08 - Conservation

### 2.08 Conservation

1. What are natural resources? (½ pt)

2. What is biodiversity? (½ pt)

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### ***Side Trip 1&2 Endangered Means There Is Still Time: Biodiversity***

3. What is the U.S. Fish and Wildlife Service's mission? (1 pt)

4. How many other species can be affected with the disappearance of 1 plant species? (½ pt) \_\_\_\_\_

5. What is the purpose of the Endangered Species Act? (1pt)

6. What is an ecosystem? (½ pt)

7. How are ecosystems defined ? (4 pts)

8. Which nation has more ecosystems and habitat types than any other nation? (½ pt) \_\_\_\_\_

9. What 4 things are essential for a habitat? (2pts)

10. In which 6 categories does the U.S. rank 1<sup>st</sup> in biodiversity? (3pts)

11. The U.S. is home to what percent of all the species of plants and animals known to science? (½ pt) \_\_\_\_\_

12. Along with a range in ecosystems, what else does biodiversity include? (½ pt) \_\_\_\_\_

13. How many species are known (½ pt) \_\_\_\_\_

14. How many species are estimated to exist (½ pt) \_\_\_\_\_

15. On average, scientists estimate that the *natural* extinction rate is (½ pt) \_\_\_\_\_

16. However in the past 400 yrs how many species have disappeared in the US? (½ pt) \_\_\_\_\_
17. Why are more species going extinct today? (2 pts)
18. What does threatened mean? (½ pt)
19. What does endangered mean? (½ pt)
20. What does extinct mean? (½ pt)
21. What is the most common reason species become endangered and threatened? (½ pt)
22. What is the second greatest threat to native species? (½ pt)
25. What are the 6 main tenants to the Endangered Species act? (3 pts)
26. List 6 things that might cause extinction: (3 pts)

***Side Trip 3***

27. List the 4 ecological problems facing Africa. (2 pts)