

Name: _____

Science-8

Date: _____

Environment and Interactions Test Review

Answer all questions on your own paper.

1. What kind of environmental changes could happen during a drought? If a creature depended on camouflage for survival, how would it be affected by a drought?
2. When non-native organisms are introduced into an environment they interact with the native species already in the ecosystem. What are 5 things that could happen when non-native species are introduced into an environment?
3. Name 3 human activities that contribute to increased carbon dioxide in the atmosphere.
4. How do animals get the nitrogen they need to survive?
5. What natural events could lead to the extinction of a species?
6. What are 3 ways that man could cause a species to become extinct?
7. Define the 3 symbiotic relationships (mutualism, commensalism and parasitism) and give 1 example of each.
8. Describe how too much nitrogen in the soil can harm humans and animals.
9. What is ozone? Where is it normally found? Why is it bad when it forms near the ground?
10. What is smog? What human activities contribute the most to smog formation?
11. Describe the harmful effects of deforestation. Make sure to mention all 3 cycles we have discussed.
12. Define ecosystem, population and community.
13. What is an organisms habitat? What can happen if humans destroy that habitat?
14. What is a producer? Where do they get their energy?
15. Describe the difference between abiotic and biotic things in an ecosystem.
16. Define predator and prey.

*** Things to be able to do:**

- Know how humans can affect the carbon, nitrogen and water cycles.
- List the effects of deforestation upon the carbon, nitrogen and water cycles.
- Predict how human actions can affect native species living in an area.

*** About the test:**

- 30 questions (multiple choice and matching)
- 1 essay