Bill Nye: Biodiversity
Video Guide

Directions: For the following questions choose the choice, of those given, that best answers the question. Use your knowledge from class and/or your knowledge from watching the video.

1. According to the video, “_____ are the dominant species around here.”
   a. Birds
   b. Trees
   c. Grasses
   d. Humans
   e. All of the above choices are correct.

2. In order for an ecosystem to be healthy it has to have lots of different kinds of _____.
   a. plants
   b. animals
   c. autotrophs
   d. heterotrophs
   e. All of the above choices are correct.

3. _____ is a term that means “different kinds of life.”
   a. Biotic
   b. Niche
   c. Population
   d. Biodiversity
   e. None of the above choices are correct.

4. _____ of the world’s surface is covered with water.
   a. 1/4
   b. 2/3
   c. 3/4
   d. 7/8

5. Like the game of _____, you can’t remove one species from an ecosystem without disturbing other species.
   a. jacks
   b. sticks
   c. go fish
   d. dominos
   e. None of the above choices are correct.

6. Living things in an ecosystem depend on other living things. According to the video this statement is _____.
   a. true
   b. false

7. A lady on the video says, “You can’t pick a flower without jiggling _____.” This means if you take one thing away, you affect everything else.
   a. a star
   b. the sun
   c. the earth
   d. the moon
   e. All of the above choices are correct.

8. The animals and plants on a farm are an ecosystem. According to the video this statement is _____.
   a. true
   b. false

9. When we spread out we make the ecosystem more diverse. According to the video this statement is _____.
   a. true
   b. false

10. What organisms are now extinct according to the video?
    a. Dodo bird
    b. Pearly mussel
    c. Bighorn sheep
    d. Passenger pigeon
    e. All of the above choices are correct.
11. _____ depend(s) on a dead tree to live.
   a. Moss
   b. Lichens
   c. Neither choices a nor b are correct.
   d. Both choices a and b are correct.

12. The best way to make an organism extinct is to remove it from its natural environment. According to the video this statement is _____.
   a. true
   b. false

13. Bill Nye was talking to his _____ on the telephone.
   a. dad
   b. sister
   c. mom
   d. brother

14. The largest ecosystem in the world is the _____.
   a. sea
   b. deserts
   c. grasslands
   d. rainforests

15. _____ of the earth’s surface is covered by water.
   a. 61%
   b. 71%
   c. 81%
   d. 91%

16. 2/3 of all species in the world live in ____.  
   a. the sea
   b. a desert
   c. a tundra
   d. a rainforest
   e. Both choices b and d are correct.

17. _____ are living all around us but we can’t see them.
   a. Lichens
   b. Bacteria
   c. Mold spores
   d. Both choices b and c are correct.

18. Mold is _____ in color.
   a. tan
   b. blue
   c. black
   d. green
   e. All of the above choices are correct.

19. _____ is used to make penicillin and soy sauce. _____ is used to make yogurt and infects cuts.
   a. Mold; Viruses
   b. Mold; Bacteria
   c. Bacteria; Mold
   d. Lichens; Bacteria

20. According to the video, the more diverse the species the healthier the ____.
   a. habitat
   b. population
   c. ecosystem
   d. community