Science 9 Ecosystem Practice Multiple Choice

1. Fungi like mushrooms are an example of:
   a. Producer   b. consumer   c. decomposer   d. herbivore

2. Which of the following is an example of a carnivore?
   a. Tree   b. hawk   c. mouse   d. flower

3. An omnivore eats ONLY plants
   a. True   b. False

4. Which of the following describes a group of all the same species living in a specific area?
   a. Community   b. population   c. ecosystem   d. biome

5. The area where an animal does its living is considered its:
   a. Niche   b. habitat   c. house   d.ecosystem

6. A plant is considered to be a:
   a. Consumer   b. herbivore   c. producer   d. omnivore

7. An ecosystem describes the interactions that occur between organisms and their environment:
   a. True   b. False

8. Which of the following describes an animal which eats only plants
   a. Vegetarian   b. vegan   c. producer   d. herbivore

9. A consumer describes an animal that is not able to make its own food.
   a. True   b. False

10. Which of the following describes an animal that no longer exists anywhere in the world?
    a. Endangered   b. threatened   c. extinct   d. extripated

11. A habitat describes how an animal lives:
    a. True   b. False

12. An animal that no longer exists in one area of the country, but still exists in others is considered:
    a. Endangered   b. extripated   c. threatened   d. extinct

13. A food chain is a complex web of animals and plants showing various options for what eats what.
    a. True   b. False

14. An example of an autotroph would be a deer
    a. True   b. False

15. Which of the following describes a group of different species all living in one area?
    a. Community   b. population   c. biome   d. ecosystem

16. The atlantic salmon is considered an endangered species:
    a. True   b. False

17. How much energy is lost as you move through a food chain or web?
    a. 10%   b. 90%   c. 80%   d. 15%

18. Which of the following areas would have the greatest biodiversity?
    a. Forest grassland ecotone   d. Lake ecosystem
    b. Forest ecosystem
    c. Grassland ecosystem

19. An organism that is NOT able to use its own energy to make food is called:
   a. Omnivore   b. heterotroph   c. autotroph   d. producer

20. Which of the following is an example of an abiotic factor is an ecosystem?
   a. Mouse   b. rabbit   c. daisy   d. sunlight

21. If the population of insects in a population decreases the frog population would increase:
   a. True   b. False

22. Which of the following represents and artificial ecosystem?
   a. Swamp   b. field   c. park   d. meadow

23. The grey fox is at rick of declining numbers at the fringe of its range or in some restricted area. It is:
   a. Extirpated   b. endangered   c. vulnerable   d. threatened

24. Populations of native species in the Great Lakes have suffered from the introduction of exotic species that causes difficulties most often because they:
   a. Cause changes in water temperature
   b. Increase the population of algae through the addition of nutrients
   c. Interfere with the food chain by competing for sources of food
   d. Lower the water level of the lakes

25. Select the correct order from the following choices. From simplest to most complex
   a. ecosystem, population, community, organism
   b. organism, population, community, ecosystem
   c. population, organism, ecosystem, community
   d. community, population, organism, ecosystem