**Biomes Exam**

**Multiple Choice**

Identify the letter of the choice that best completes the statement or answers the question.

\_\_\_\_ 1. The specific environment of the ecosystem in which an organism lives is the organism's



\_\_\_\_ 2. An organism that can make its own food is called a



\_\_\_\_ 3. Which of these consumers is an herbivore?



\_\_\_\_ 4. Vultures, which feed on the bodies of dead organisms, are



\_\_\_\_ 5. The first organism in a food chain is always a(n)



\_\_\_\_ 6. If a kestrel eats a mouse that eats grass, the kestrel is a(n)



\_\_\_\_ 7. A diagram that shows the amount of energy that moves from one feeding level to another in a food web is called a(n)



\_\_\_\_ 8. In an energy pyramid, which level has the most available energy?



\_\_\_\_ 9. The amount of energy that is transferred from one level of a food web to the next higher level is about



\_\_\_\_ 10. The typical weather pattern in an area over a long period of time is called



\_\_\_\_ 11. Because similar climates exist on different continents, the antelope of Africa occupy the same niche as the



\_\_\_\_ 12. A group of ecosystems with similar climates and organisms is called a(n)



\_\_\_\_ 13. Which land biome receives less than 25 centimeters of rain per year?



\_\_\_\_ 14. Which land biome is extremely cold and dry?



\_\_\_\_ 15. A canopy, an understory, and an extremely high number of plant and animal species are characteristics of which biome?



\_\_\_\_ 16. Ponds and rivers are two types of



\_\_\_\_ 17. In a Rain Forest Biome which of the following would be at the producer level



\_\_\_\_ 18. Given what you know of Rain Forest Biomes which conclusion is most likely true



\_\_\_\_ 19. Given what you know of Grassland Biomes which conclusion is most likely true



\_\_\_\_ 20. Given what you know of Tundra Biomes which conclusion is most likely true



\_\_\_\_ 21. The combined portions of Earth in which all living things exist is called the

a. biome.   b. community.   c. ecosystem.   d. biosphere.

\_\_\_\_22. All of the members of a particular species that live in one area are called a(an)

a. biome.   b. population.   c. community.   d. ecosystem.

\_\_\_\_ 23. Green plants are

a. producers.   b. consumers.   c. herbivores.   d. omnivores.

\_\_\_\_ 24. What is the original source of almost all the energy in most ecosystems?

a. carbohydrates   b. sunlight   c. water   d. carbon

**Figure 3-1**

\_\_\_\_ 25. The algae at the beginning of the food chain in Figure 3-1 are

a. consumers.   b. decomposers.   c. producers.   d. heterotrophs.

\_\_\_\_ 26. An organism that uses energy to produce its own food supply from inorganic compounds is called a(an)

a. heterotroph.   b. consumer.   c. detritivore.   d. autotroph.

\_\_\_\_ 27. An organism that cannot make its own food is called a(an)

a. heterotroph.   b. chemotroph.   c. autotroph.   d. producer.

\_\_\_\_ 28. All the interconnected feeding relationships in an ecosystem make up a food

1. interaction.   b. chain.   c. network.   d. web

-------- 29. Permafrost is a condition found in

1. the tundra b. the desert c. the taiga d. deciduous forests

-------30. The most common forms of plant life in the tundra are

1. pine trees b. oak trees c. mosses and lichens d. fruit-bearing trees

-------31. The taiga is characterized by

a. pine trees b. the polar bear c. trees that lose their leaves d. small shrubs

-------32. Maples, beeches, and elms would most likely be found in the

a. tundra b. taiga c. coniferous forest d. deciduous forest