Quizlet

NAME _____

26 Multiple choice questions

A+
100%

1. the sequential development of more complex plant communities
   a. **CORRECT:** primary succession
   b. climax community
   c. succession
   d. secondary succession

2. mutually beneficial relationships that develop between species
   a. habitat
   b. **CORRECT:** symbiotic relationship
   c. succession
   d. natural vegetation

3. ecosystems of marine and freshwater environments
   a. terrestrial ecosystems
   b. ecosystem
   c. **CORRECT:** aquatic ecosystems
   d. genetic diversity

4. the community of species and their non-living habitat
   a. biomes
   b. **CORRECT:** ecosystem
   c. biosphere
   d. ecology

5. the plant life of an area or region
   a. ecology
   b. sere
   c. fauna
   d. **CORRECT:** flora

6. the number of different species or species richness
   a. genetic diversity
   b. species
   c. **CORRECT:** species diversity
   d. biological diversity

7. a stage in the sequence of events in which a plant or animal community in an area develops over a period of time
   a. **CORRECT:** sere
   b. prisere
   c. niche
   d. species

8. the total weight of living things in a given area
   a. ecology
   b. flora
   c. biomes
   d. **CORRECT:** biomass

9. the animal life of an area or region
   a. megafauna
   b. sere
   c. **CORRECT:** fauna
   d. flora

10. communities of plants and animals spread broadly over the surface of the continents
    a. genetic diversity
    b. aquatic ecosystems
    c. **CORRECT:** terrestrial ecosystems
    d. ecosystem

11. a complete chain of successive seres beginning with a pioneer community and ending with a climax community
    a. niche
    b. sere
    c. **CORRECT:** prisere
    d. biosphere

12. the place where a particular plant or animal lives
    a. niche
    b. fauna
    c. **CORRECT:** habitat
    d. flora

13. a group of closely allied plant or animal types that can reproduce with each other
    a. niche
    b. **CORRECT:** species
    c. biomes
    d. sere

14. the study of the interactions of living organisms with each other, and with their habitats and environments
    a. **CORRECT:** ecology
    b. biomes
    c. biomass
    d. flora

15. the development of a disclimax community once an original community has been removed or destroyed
    a. **CORRECT:** secondary succession
    b. primary succession
    c. succession
    d. ecosystem

16. natural changes in the structure and species composition of a community over time
    a. species
    b. sere
    c. biomes
    d. **CORRECT:** succession

17. large mammals and birds such as those thought to have occupied Australia up to 10 000 to 30 000 years ago
    a. **CORRECT:** megafauna
    b. flora
    c. fauna
    d. sere

18. the position and function of a plant or animal in its community
    a. biomes
    b. flora
    c. sere
    d. **CORRECT:** niche

19. the variety of life, encompassing the different plants, animals and micro-organisms, their genes and the ecosystems of which they form a part
    a. species diversity
    b. climax community
    c. **CORRECT:** biological diversity
    d. genetic diversity

20. the process by which plants collect energy from the sun and use it to combine carbon dioxide with water to produce organic nutrients
    a. ecosystem
    b. biosphere
    c. **CORRECT:** photosynthesis
    d. biomes

21. the end product of succession; a community that is in equilibrium with its environment
    a. biological diversity
    b. biomass
    c. primary succession
    d. **CORRECT:** climax community

22. the surface zone of the earth and its adjacent atmosphere, in which all organic life exists
    a. prisere
    b. biomes
    c. sere
    d. **CORRECT:** biosphere

23. the inherited variation that occurs within populations of species as a result of different genes or biological combinations
    a. species
    b. species diversity
    c. biological diversity
    d. **CORRECT:** genetic diversity

24. very large ecosystems made up of specific vegetation types and their associated fauna
    a. niche
    b. biomass
    c. **CORRECT:** biomes
    d. species

25. the community that results when a climax community becomes modified or displaced
    a. **CORRECT:** disclimax
    b. species
    c. biomass
    d. niche

26. plants originally found in an area
    a. habitat
    b. **CORRECT:** natural vegetation
    c. primary succession
    d. succession