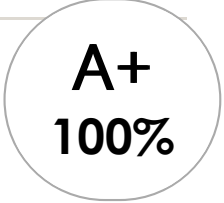


26 Multiple choice questions



A+
100%

1. to move into and inhabit an area not previously occupied by that species
 - a. distribution
 - b. competition
 - c. contamination
 - d. **CORRECT: colonisation**

2. the number of organisms in a population
 - a. aquatic
 - b. abiotic
 - c. **CORRECT: abundance**
 - d. algae

3. an organism that produces its own food from simple substances in the environment
 - a. **CORRECT: autotroph**
 - b. chlorophyll
 - c. biotic
 - d. abiotic

4. simple plants, usually aquatic, containing chlorophyll but lacking true stems, roots, leaves and vascular tissue
 - a. aquatic
 - b. fauna
 - c. biomass
 - d. **CORRECT: algae**

5. a structural, behavioural or physiological characteristic of an organism that helps it survive or reproduce
 - a. competition
 - b. **CORRECT: adaptation**
 - c. abiotic
 - d. aquatic

6. to make harmful or useless because of the exposure to or the addition of substances
 - a. colonisation
 - b. **CORRECT: contamination**
 - c. distribution
 - d. competition

7. related to the presence of oxygen
 - a. **CORRECT: aerobic**
 - b. aquatic
 - c. biotic
 - d. abiotic

8. the non-living features of an ecosystem i.e. temperature, humidity, buoyancy, soil type, topography
 - a. aerobic
 - b. aquatic
 - c. biotic
 - d. **CORRECT: abiotic**

9. the combined and interconnected populations of an environment
 - a. **CORRECT: community**
 - b. competition
 - c. consumer
 - d. commensalism

10. the production by a plant of chemicals that are released into the soil to assist with competition against other plants
 - a. **CORRECT: allelopathy**
 - b. estimate
 - c. aquatic
 - d. abiotic

11. any organism that eats other organisms
 - a. **CORRECT: consumer**
 - b. community
 - c. carnivore
 - d. decomposer

12. the total weight of the living components (producers, consumers and decomposers) in an ecosystem at any moment
- estimate
 - abiotic
 - CORRECT: biomass**
 - biotic
13. a flesh-eating organism
- estimate
 - abiotic
 - algae
 - CORRECT: carnivore**
14. the area or areas where a living organism occurs
- contamination
 - adaptation
 - colonisation
 - CORRECT: distribution**
15. the simplest group of non-green organisms with a basic cell structure
- fauna
 - biotic
 - aquatic
 - CORRECT: bacteria**
16. the method of estimating population size by capturing, marking them and then recapturing them later
- abundance
 - consumer
 - estimate
 - CORRECT: capture-mark-recapture**

17. the relationship between organisms that live in close association with only one species receiving the benefit, while the other species is not harmed
- community
 - colonisation
 - CORRECT: commensalism**
 - competition
18. the living components of the biosphere
- abiotic
 - aquatic
 - CORRECT: biotic**
 - aerobic
19. animals of a given area or period
- bacteria
 - CORRECT: fauna**
 - biotic
 - algae
20. an organism such as a bacterium or fungus that brings about the decay or breakdown of organic material into simpler substances
- consumer
 - CORRECT: decomposer**
 - biomass
 - aerobic
21. living or growing in water
- biotic
 - aerobic
 - CORRECT: aquatic**
 - abiotic

22. the struggle amongst living things, between the same species and between others, over a common resource such as food or space
- adaptation
 - colonisation
 - contamination
 - CORRECT: competition**
23. all the factors that affect a living organism, abiotic and biotic
- estimate
 - biomass
 - decomposer
 - CORRECT: environment**
24. a chemical found in or associated with living things
- abiotic
 - CORRECT: biochemical**
 - bacteria
 - biotic
25. an approximation calculation
- algae
 - aquatic
 - biomass
 - CORRECT: estimate**
26. the green pigment in plants associated with the capture of sunlight for use in photosynthesis
- environment
 - autotroph
 - CORRECT: chlorophyll**
 - consumer