

Started on Wednesday, 12 February 2025, 9:44 PM

State Finished

Completed on Wednesday, 12 February 2025, 9:48 PM

Time taken 3 mins 10 secs

Marks 9.00/10.00

Grade 27.00 out of 30.00 (90%)

Question 1

Correct

Mark 1.00 out of 1.00

Decomposers are associated with which class of food web?

Select one:

- a. grazing
- b. detrital ✓
- c. inverted
- d. aquatic

Question 2

Correct

Mark 1.00 out of 1.00

The producer in an ocean grazing food web is usually a _____.

Select one:

- a. plant
- b. animal
- c. fungi
- d. plankton ✓

Question 3

Correct

Mark 1.00 out of 1.00

The process whereby oxygen is depleted by the growth of microorganisms due to excess nutrients in aquatic systems is called _____.

Select one:

- a. dead zoning
- b. eutrophication ✓
- c. retrophication
- d. depletion

Question 4

Correct

Mark 1.00 out of 1.00

Which of the following biomes is characterized by abundant water resources?

Select one:

- a. deserts
- b. boreal forests
- c. savanna
- d. tropical wet forests ✓

Question 5

Correct

Mark 1.00 out of 1.00

Which of the following biomes is characterized by short growing seasons?

Select one:

- a. deserts
- b. tropical wet forests
- c. Arctic tundra ✓
- d. savanna

Question 6

Correct

Mark 1.00 out of 1.00

A key feature of estuaries is:

Select one:

- a. low light conditions and high productivity
- b. salt water and fresh water ✓
- c. frequent algal blooms
- d. little or no vegetation

Question 7

Incorrect

Mark 0.00 out of 1.00

Which of the following methods will provide information to an ecologist about both the size and density of a population?

Select one:

- a. mark and recapture ✗
- b. mark and release
- c. quadrat
- d. life table

Question 8

Correct

Mark 1.00 out of 1.00

The maximum growth rate characteristic of a species is called its _____.

Select one:

- a. limit
- b. carrying capacity
- c. biotic potential ✓
- d. exponential growth pattern

Question 9

Correct

Mark 1.00 out of 1.00

The population size of a species capable of being supported by the environment is called its _____.

Select one:

- a. limit
- b. carrying capacity ✓
- c. biotic potential
- d. logistic growth pattern

Question 10

Correct

Mark 1.00 out of 1.00

A symbiotic relationship where both of the co-existing species benefit from the interaction is called _____.

Select one:

- a. commensalism
- b. parasitism
- c. mutualism ✓
- d. communism