

Name _____

Coral Reefs: Nature's Underwater Cities

Multiple Choice Questions

1. What are coral reefs primarily formed by?
 - a) Seashells
 - b) Fish colonies
 - c) Coral polyps
 - d) Algae

2. Why are coral reefs often called "rainforests of the sea"?
 - a) Because they are always wet
 - b) Due to their vibrant colors
 - c) Because they are home to diverse marine life
 - d) Because they are located near rainforests

3. How do coral polyps obtain the calcium carbonate needed to build their protective skeletons?
 - a) They mine it from the seafloor.
 - b) They extract it from seawater.
 - c) They capture it from passing fish.
 - d) They receive it from symbiotic algae.

4. What is coral bleaching, and what is a significant cause of it?
 - a) Coral bleaching is caused by the absence of algae in coral.
 - b) Coral bleaching is a natural phenomenon unrelated to environmental factors.
 - c) Coral bleaching is caused by an increase in ocean currents.
 - d) Coral bleaching is the result of stressed corals expelling their colorful algae due to rising sea temperatures.

5. Apart from biodiversity, what other significance do coral reefs hold?
 - a) They serve as a source of freshwater.
 - b) They are the main source of oxygen production in the oceans.
 - c) They protect coastlines from storms and erosion.
 - d) They create habitats for land-based animals.

