

Name _____

Earth's Microscopic Architects: Unveiling the Role of Bacteria in the Environment

Multiple Choice Questions

1. What is one role of bacteria in nutrient cycling?
 - a) Producing oxygen
 - b) Decomposing dead organic matter
 - c) Filtering water
 - d) None of the above

2. How do bacteria contribute to nitrogen fixation?
 - a) By converting atmospheric nitrogen into forms that plants can use
 - b) By producing carbon dioxide
 - c) By creating oxygen
 - d) None of the above

3. What is the primary role of bacteria in aquatic environments?
 - a) Serving as food for larger organisms
 - b) Breaking down pollutants and harmful chemicals
 - c) Both a and b
 - d) None of the above

4. What is a symbiotic relationship involving bacteria?
 - a) Predation
 - b) Competition
 - c) Mutualism
 - d) None of the above

5. Why are bacteria considered the unsung heroes of the environment?
 - a) Because they are large organisms
 - b) Because they perform essential functions that sustain life on Earth
 - c) Because they are harmful to the environment
 - d) None of the above

