

Name \_\_\_\_\_

## Algae: The Green Giants of Industry

### Multiple Choice Questions

1. What is one prominent use of algae in industry?
  - a) Textile production
  - b) Biofuel production
  - c) Steel manufacturing
  - d) Papermaking
  
2. How do algae contribute to biofuel production?
  - a) By absorbing pollutants from water sources
  - b) By converting sunlight and carbon dioxide into oils through photosynthesis
  - c) By producing antioxidants for skincare products
  - d) By providing protein-rich ingredients for dietary supplements
  
3. In which industries are algae-derived compounds used?
  - a) Construction and architecture
  - b) Agriculture and farming
  - c) Nutraceuticals and pharmaceuticals
  - d) Automotive and aerospace
  
4. What is one environmental benefit of using algae in wastewater treatment?
  - a) Increased water pollution
  - b) Reduced energy consumption
  - c) Depletion of aquatic ecosystems
  - d) Escalation of greenhouse gas emissions
  
5. How are algae utilized in the cosmetic and skincare industries?
  - a) To reduce inflammation and promote collagen production
  - b) To purify contaminated water sources
  - c) To manufacture synthetic chemicals for skincare products
  - d) To extract minerals for use in construction materials

