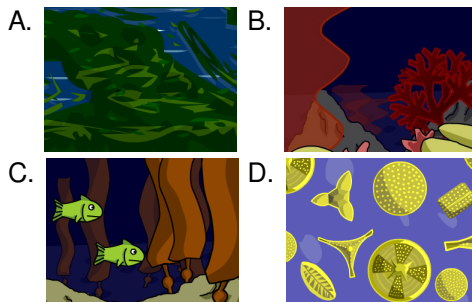


1. What feature is shared by all eukaryotic cells?

- A. Chloroplasts
- B. Cell walls
- C. Plastids
- D. Cell nuclei

2. Which image depicts the most common type of algae?



3. In what way are plants different from most forms of algae?

- A. Most forms of algae cannot undergo photosynthesis
- B. Most forms of algae are prokaryotic
- C. Most forms of algae lack roots, stems, and leaves
- D. Most forms of algae do not have cell walls

4. How do algae help humans? Choose the best answer.


- A. By serving as nutritious vegetables
- B. By releasing oxygen through photosynthesis
- C. By cleansing pollution from drinking water
- D. By removing salt from ocean water

5. What might happen if red algae did not have their characteristic red pigment?

- A. They would have difficulty absorbing sunlight beneath the ocean
- B. They would not be able to perform photosynthesis at all
- C. They would not be able to live in water
- D. They would not be able to reproduce

6. Carrageenan improves the _____ of many household products.

- A. Smell
- B. Taste
- C. Texture
- D. Color

7.  How might a single-celled euglenoid or dinoflagellate use its flagellum?

- A. To detect predators
- B. To absorb sunlight
- C. To detect sources of light
- D. To move through the water

8. Which term best describes the effect of algal blooms?

- A. Helpful
- B. Damaging
- C. Harmless
- D. Neutral

9. Why do many scientists believe that blue-green algae are not really algae at all?

- A. They share more features with bacteria than other types of algae
- B. They cannot live in water like other types of algae
- C. They have more cell organelles than other types of algae
- D. They cannot form blooms like other types of algae

10. From the information presented in the movie, what can you infer about the cell walls of diatoms?

- A. They are extremely rigid
- B. They are extremely porous
- C. They are extremely flexible
- D. They are extremely delicious