

Animal-like Protist Questions

Answer the questions below using full sentences.

- 1) Describe a protist.

- 2) What are four classes of animal-like protists?

- 3) What is used to classify animal-like protists?

- 4) What is the function of trichocysts?

- 5) What is the function of the contractile vacuole?

- 6) Describe how a paramecium reproduces asexually?

- 7) What is the importance of conjugation in a paramecium?

- 8) How do zoomastiginans move?

- 9) What factors trigger protists to reproduce sexually?

- 10) Describe how malaria is contracted and what happens when it is in humans.

- 11) What is a method of controlling malaria?

- 12) Describe how an amoeba obtains its nutrients.

- 13) Describe the structure of heliozoans.

- 14) What is a foraminifers outer covering composed of?

- 15) Describe three ways that protists are harmful to humans.
 - a)

 - b)

 - c)

- 16) Describe several ways protists are beneficial to humans.

Plant-like Protist Questions

Name:

1) State the function of each structure labelled on the textbook drawing of a Euglena.

2) What are the five classes of plant-like protists?

a)

b)

c)

d)

e)

3) Why do some classification schemes put Euglenophyta and zoomastiginans in the same Phylum?

4) How can a euglena live both as an autotroph and as a heterotroph?

5) What is a dinoflagellate?

6) Define luminescent and bioluminescent.

7) What is red tide and what causes it?

8) How does red tide affect humans?

9) Where do slime molds live?

10) How are cellular slime molds different from acellular slime molds?

11) List several ways plant-like protists are harmful to humans.

12) List several ways plant-like protists are beneficial to humans.

13) Define/ describe phytoplankton and zooplankton.

Protist Vocabulary

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|----------------------------|-------------------------|--------------------|
| 1. Protista | 12. Gullet | 24. Euglena |
| 2. Protist | 13. Food vacuole | 25. Pyrrophyta |
| 3. Endosymbiont Hypothesis | 14. Anal pore | 26. Dinoflagellate |
| 4. Ciliophora | 15. Contractile vacuole | 27. Chrysophyta |
| 5. Ciliate | 16. Zoomastigina | 28. Diatom |
| 6. Cilium | 17. Flagellum | 29. Slime mold |
| 7. Paramecium | 18. Flagellate | 30. Acrasiomycota |
| 8. Pellicle | 19. Sporozoa | 31. Myxomycota |
| 9. Trichocyst | 20. Sarcodina | 32. Plasmodium |
| 10. Macronucleus | 21. Pseudopod | 33. Bloom |
| 11. Micronucleus | 22. Ameba | 34. Phytoplankton |
| | 23. Eugenophyta | |

Protists Table

Name	Type	Movement	Reproduction	Feed