

## **Biology Study Guide**

### **Chapter 11 – The Kingdom Protista**

#### **Part 1**

1. Study the diagram Quizlet for Chapter 11: euglena, paramecium, and amoeba.
2. Be able to answer the following questions regarding the diagrams:
  - a. Structure that allows the ability to live autotrophically
  - b. Common names
  - c. Structure that maintains water balance
  - d. Means of locomotion
  - e. Method for food consumption
  - f. Phylum names
  - g. Ways to asexually reproduce
  - h. Ways to sexually reproduce

#### **Part 2**

1. Study the vocab Quizlet for Chapter 11
2. Compare and contrast the movement between the amoeba, paramecium, and euglena
3. How are algae classified?
4. How are protozoans classified?
5. Match genus with means of locomotion
6. Match the 4 protozoan phylum with means of locomotion
7. Match the 7 algal phylum with its description (i.e. color, organism)
8. Match the diseases covered in the chapter with their organism/vector
9. What are the characteristics of fungus-like protists?
10. What are the characteristics of the Kingdom Protista?
11. What characteristics distinguish the protozoans from the algae?
12. What gives algae its color?
13. Which protozoan phylum consists of only parasites?

14. Know/Apply the following terms:

- agar
- antheridium
- binary fission
- bioluminescence
- chloroplasts
- contractile vacuole
- cyst
- ectoplasm
- oral groove
- pellicle
- phagocytosis
- photosynthesis
- pseudopod
- pyrenoid
- *Spirogyra*
- taxis
- trichocyst