# Microbiology for Health Sciences Chapter 12 Study Aid Name: PRINT AND HANDWRITE YOUR ANSWERS!

- 1. What are the 2 types of division in eukaryotes? \_\_\_\_\_\_ and \_\_\_\_\_\_
- 2. What are the 4 stages of mitosis?
- 3. What is cytokinesis?
- 4. Define haploid.
- 5. Define diploid.
- 6. How many Supergroups are in Domain Eukarya? \_\_\_\_\_

#### PROTOZOANS

- 7. Where are protozoans found?
- 8. What are cysts?
- 9. Draw *Trichomonas*, name Group, name disease.



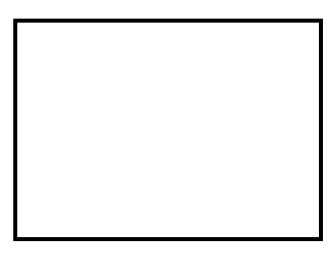
10. Draw *Giardia*, name Group, name disease.



11. Draw *Typansosoma*, name Group, name disease.



12. Draw Ceratium, name Group, what do dinoflagellates cause?



13. Draw Paramecium, name Group.



14. Draw *Plasmodium*, name Group, name disease.



- 15. What are water molds?
- 16. Draw Amoeba, name Group.



17. Draw Entoamoeba histolytica, name Group, name disease.



#### ALGAE

- 18. Unicellular algae are called \_\_\_\_\_
- 19. Multicellular algae are called \_\_\_\_\_\_.

### FUNGI

- 20. What are the significance of Fungi?
- 21. Fungi are \_\_\_\_\_\_ digesters whereas animals are \_\_\_\_\_\_ digesters.

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- 22. Define plasmogamy.
- 23. Define karyogamy.
- 24. Draw the life cycle of Zygomycota.

25. Draw the life cycle of Ascomycota.

26. Draw the life cycle of Basidiomycota.

## ANIMALS

27. Arachnids of microbiological interest include \_\_\_\_\_\_ and \_\_\_\_\_\_.

28. List the 4 groups of insects discussed and what disease they can transmit.

29. What is a vector?