

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 *Typanosoma*, 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 *Entamoeba 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.

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?