

Miramar College, Fall 2011
Biology 205 Microbiology, Diversity Quiz Questions

LAMUG, ASTRID

1. What are the 3 major Rickettsia groups called?

2. Rickettsia reproduce only within which type of cell?

CRISOSTOMO, RESTY

3. What product does *Agrobacterium* use as a source of nitrogen and energy?

4. How does *A. tumefaciens* enter a plant cell?

CHAUVEL, ANDREA

5. What cycle does *Nitrobacter* play an important role in?

6. What does *Nitrobacter* do during the Nitrogen Cycle?

SENO, ANTONIETTE

7. What is the Family name of *Chromatium*?

8. What is the habitat of *Chromatium*?

ROSTAMI, TOM

9. *Thiomargarita namibiensis* uses what for motility?

10. The internal vacuole makes up what percentage of the volume of the organism?

LOPEZ, CATHERINE

11. What is the causative agent of legionnaires disease?

12. Give at least two examples on how we might get infected with *H. pylori*

LOPEZ, MICHAELANGELO

13. *Chloroflexus* strains grow autotrophically, what chemical elements does it use for electron transfer donor?

14. *Chloroflexus*, like the other genus mentioned, is found in higher temperature and is found in a number of environment types? What kind of environments?

MARTINEZ, YANAI

15. Which type of anthrax infection is the most likely to cause death?

16. What is the main characteristic of all Mycoplasmatales?

BOUGUERRA, ZOHRA

17. What human disease is caused by diatoms and what's the symptoms?

18. What is the role of diatoms in nature?

MUIR, ALEXANDRA

19. What is the name of the form that the Chlamydia takes after infecting the host cell?

20. What kind of Chlamydia are pigs vulnerable to?

CHEN, CONNIE

21. Name three environments in which members of phylum Crenarchaeota can be found.

22. The first isolated organism of phylum Crenarchaeota was of the genus *Sulfolobus*. Name one use for *Sulfolobus* in the lab.

JIN, ELENA

23. What kind of environment do *Halobacterium* thrive in?

24. What are the three different asexual ways that *Halobacterium* can reproduce?

CHAN, LUANA

25. What kingdom are zygomycota, ascomycota, and basidiomycota a part of?

26. How do fungi reproduce?

SANDERS, CYRISE

27. What are components of a Lichen?

28. What kingdom do Lichen fall under?

THOMPSON, CARA

29. Name two of the three things the cell walls of Chlorophyta is composed of?

30. What are the environmental benefits of Chlorophyta?

PHAM, NHAN

31. What kind of relationship between Zooxanthellae species and coral in forming coral reef?

32. Why does Red tide from *Alexandrium tamarense* cause death in fish and human?

LOUDON, NATE

33. Which organelle is notably missing in Archaezoa?

34. What is the name of the person who came up with the kingdom Archaezoa?

RANSTEAD, JESSE

35. What are the main areas in the body that *Schistosoma mansoni* infect in a host?

36. How is Schistosomiasis contracted by the host?

ULZIBAYAR, ENJI

37. What is the species name that commonly known as the Guinea Worm?

38. What contains larvae and creates a painful blister in the human host's skin ?

ANDRION, KIMBERLY

39. In what Domain are haptophyte's in ?

40. The main reason haptophytes are used for commercial aquiculture?

KLUSSMAN, DAVID

41. What is the most common sexually transmitted infection in the United States?

42. What organ, regardless of genus or species, does the Hepadnaviridae virus infect?

RENTERIA, CHAR

43. What two genera of Picornaviridae have an identical morphology but can be distinguished based on clinical, biophysical, and epidemiological studies?

44. Where does viral RNA replication of picornavirus occur?

BITUIN, SHAWN

45. What is the genome and family group # of the virus Flaviviridae

46. Is Flaviviridae an Acute, Persistent, or Latent Infection?

CELIZ, NANCY

47. What are the 2 distinct glycoproteins found in Influenza viruses?

48. How many Americans die annually from the flu?