**CLASSIFICATION**

**Test Review Guide**

**DEFINE THE FOLLOWING TERMS:**

1. classification 12. taxonomy
2. binomial nomenclature 13. species
3. genus 14. scientific name
4. specific epithet 15. kingdom
5. phylum 16. class
6. order 17. family
7. taxon 18. division
8. prokaryote 19. eukaryote
9. dichotomous key 20. phylogeny
10. cladistics 21. cladogram
11. fan diagram

22. Describe the classification system developed by Aristotle.

23. Describe the classification system developed by Linnaeus.

24. What is a common name? What are the drawbacks to utilizing common names?

25. What are the two parts of a scientific name?

26. What are the advantages to using scientific names?

27. What are the rules utilized in writing scientific names?

28. What five major criteria are used in determining evolutionary relationships among organisms?