**EVOLUTION**

**Test Review Guide**

**DEFINE THE FOLLOWING TERMS:**

1. radiometric dating 16. spontaneous generation
2. biogenesis 17. protocell
3. eubacteria 18. archaebacteria
4. endosymbiont theory 19. divergent evolution
5. convergent evolution 20. adaptive radiation
6. gradualism 21. punctuated equilibrium
7. disruptive selection 22. directional selection
8. geographic isolation 23. speciation
9. stabilizing selection 24. genetic drift
10. speciation 25. immigration
11. emigration 26. gene flow
12. polyploidy 27. allelic frequency
13. natural selection 28. camouflage
14. mimicry 29. homologous structures
15. analogous structures 30. vestigial structures

**ANSWER THE FOLLOWING QUESTIONS USING COMPLETE SENTENCES.**

31. Describe Earth’s early atmosphere.

32. What scientific contribution was made by Redi?

33. What scientific contribution was made by Pasteur?

34. Describe Oparin’s theory.

35. What contribution did Miller and Urey make to science?

36. In what 2 ways did the evolution of photosynthetic organisms affect evolution?

37. Summarize Darwin’s theory of natural selection.