

**QUIZ STUDY GUIDE Biblical Ecology I Ch 22-24 Life Science 7<sup>th</sup> Mr. Galloway**

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**Multi-Choice Questions:**

1. Be able to recognize which are biotic and which are abiotic factors in an ecosystem.
  2. Know the difference between primary and secondary succession.
  3. What are the nonliving parts of an ecosystem called?
  4. What is an organism's "habitat"?
  5. Photosynthesis is a process that requires what THREE non-living factors?
  6. What is a community?
  7. What is the smallest unit of ecological organization in an ecosystem?
  8. The study of how things interact with each other and with their environment is called what?
  9. What is an example of a population?
  10. Define population "density".
  11. Be able to calculate the population density when given the number of animals and area they live in.
  12. How do ecologists and biologists take a sample of a population?
  13. What is the primary way in which new individuals are added to a population?
  14. A group of antelope leaving the herd in search of better grassland is an example of what?
  15. What is the term that refers to an environmental factor that prevents a population from increasing?
  16. What is an organism's "niche"?
  17. What are adaptation characteristics?
  18. What is the definition of competition?
  19. By hunting at different times of day, the hawk and owl are able to reduce what type of interaction?
  20. What is the difference between a predator and a prey?
  21. Be able to recognize an example of the predator prey relationship.
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**GRAPH INTERPRETATION:**

- \* Be able to read a graph similar to the one we reviewed in class (see Notes and PowerPoint).
- \* There will be four questions about the graph.