

# Chapters 1-12 AP Biology Exam Questions and Answers

Biology is the study of \_\_\_\_\_. - Answer- life

There are a number of properties that all organisms share. In humans, exposure to ultraviolet light can result in a darkening of the skin. What kind of property is this? - Answer- response to the environment

What is the scientific term for a group of interacting individuals of the same type, living in the same area at the same time? - Answer- population

Which series of terms is in the sequence of biological organization from the simplest to the most complex?

- A. community, population, ecosystem, habitat
- B. organism, ecosystem, community, population
- C. molecule, tissue, cell, membrane
- D. cell, tissue, organ, population - Answer- D. cell, tissue, organ, population

Which of the following is true with regard to the relationship between ecosystems and communities?

- A. Ecosystems include the nonliving components of an environment; communities include only the living components of an environment.
- B. An ecosystem is a part of a community.
- C. Ecosystems exclude the living components of an environment; communities include the living components of an environment.
- D. Soil is an ecosystem component; water is a community component. - Answer- A. Ecosystems include the nonliving components of an environment; communities include only the living components of an environment.

Tissues are composed of \_\_\_\_\_. - Answer- cells

The chemical energy used by most organisms for metabolism and growth ultimately comes from \_\_\_\_\_. - Answer- the sun

All cells have \_\_\_\_\_. - Answer- a cell membrane

# Answers To Ap 2013 Biology Response Questions

**Thomas Griffiths**



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