**Chapter 3 “The Biosphere”**

**3.1 “What is Ecology?”**

**Study Guide**

1) Describe the **biosphere** (not just a definition).

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2) Define **ecology**.

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3) Describe the relationship between **ecology** and **economics**.

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4) Put the levels of organization in order from individual organism to the entire planet (fig. pg. 56-57).

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5) Define **population.**

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6) Define **community.**

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7) Define **ecosystem.**

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8) Define **biome.**

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9) Define **biotic factor.**

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10) Give examples of **biotic factors.**

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11) Define **abiotic factor.**

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12) Give examples of **abiotic factors.**

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13) Explain why it can sometimes be difficult to distinguish **biotic** and **abiotic factors**.

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