**Chapter 3 “The Biosphere”**

**3.2 “Energy, Producers, and Consumers”**

**Study Guide**

1) Can organisms create energy? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2) Define **autotrophs**.

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3) Define **primary producer.**

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4) List examples of **producers.** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5) Describe the process of **photosynthesis.**

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6) Define **heterotroph.**

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7) Define **consumer.**

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8) Define **carnivore.**

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9) List examples of **carnivores.** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

10) Define **scavengers.**

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11) List examples of **scavengers.** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

12) Define **decomposers.**

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13) List examples of **decomposers. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

14) Define **herbivores.**

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15) List examples of **herbivores.**

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16) Define **omnivores.**

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17) List examples of **omnivores.**

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18) Define **detritivores.**

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19) List examples of **detritivores.**

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