



Name _____ Class _____ Date _____

1 Which energy transfer is **least likely** to be found in nature?

- A consumer to consumer
- B producer to consumer
- C host to parasite
- D predator to prey



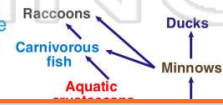
2 Which ecosystem has a better chance of **surviving** when environmental conditions **change over a long period of time**?

- A one with a great deal of genetic diversity
- B one with plants and animals but no bacteria
- C one with animals and bacteria but no plants
- D one with little or no genetic diversity

3 By causing atmospheric changes through activities such as **polluting** and **careless harvesting**, humans have

- A caused the destruction of habitats
- B affected global stability in a positive way

4 The diagram below illustrates the **relationships** between organisms in an ecosystem. Which **change** would most likely **reduce** the population size of the **carnivorous fish**?



PREVIEW

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6 a predator-prey association
C a food chain
D a food web

7 it has a high level of biodiversity
C biotic factors decrease
D finite resources decrease



9 Both a deer and a tree react to changes in their external surroundings, helping them to maintain a **constant internal environment**. This statement describes

- A predation
- B homeostasis
- C antibiotic resistance
- D autotrophic nutrition



10 Car exhaust has been blamed for **increasing** the amount of carbon dioxide in the air. Some scientists believe this additional **carbon dioxide** in the air **may cause**

- A global warming
- B increased biodiversity
- C habitat preservation
- D ozone destruction





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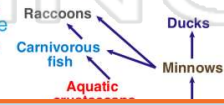
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C

5



C

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7

- B a predator-prey association
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