

I. Choose the best option.

/6

1. **What is the primary source of energy for most food chains?**

- a) Water
- b) Soil
- c) The Sun
- d) Air

2. **In a food chain, which organism is usually the producer?**

- a) Bird
- b) Plant
- c) Lion
- d) Caterpillar

3. **What do herbivores primarily eat?**

- a) Other animals
- b) Insects
- c) Plants
- d) Soil

4. **What is the correct order of this food chain?**

- a) Frog → Snake → Grasshopper → Grass
- b) Grass → Frog → Grasshopper → Snake
- c) Grasshopper → Grass → Snake → Frog
- d) Grass → Grasshopper → Frog → Snake

**5. Which organism directly depends on the Sun for energy?**

- a) Hawk
- b) Rabbit
- c) Grass
- d) Snake

**6. What is transferred through a food chain?**

- a) Water
- b) Energy
- c) Carbon dioxide
- d) Nutrients

II. Imagine a garden with grass, rabbits, and foxes. The grass grows because of sunlight, and the rabbits eat the grass. The foxes eat the rabbits.

**Question:**

If all the rabbits in the garden disappeared, what might happen to the grass and the foxes? Why? /2

**Choices:**

- a) The grass would grow more, and the foxes would have less food.
- b) The grass would stop growing, and the foxes would be fine.
- c) The foxes would eat the grass instead.
- d) The grass and foxes would both disappear.

Ans. \_\_\_\_\_  
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III. Consider a forest with trees, deer, and wolves. The trees get energy from sunlight, the deer eat the leaves of the trees, and the wolves hunt the deer.

**Question:**

If we remove the trees from the forest, what might happen to the deer and the wolves? /2

Ans. \_\_\_\_\_

  

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