

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. _____

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

The deer would start dying and wolves would also die due to lack of food.

Ans. _____
