ALASKA BIOLOGY · UNIT 4 · 5 QUESTIONS

Ecology and Ecosystems — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button so it can be fixed.

1 **From smallest to largest the correct order of ecological levels is**



A Organism population community ecosystem biome

B Biome ecosystem community population organism

C Population organism biome ecosystem community

D Community organism population biome ecosystem

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2 **In a food chain the organism at the second trophic level is usually a**

- A Producer
- B Herbivore
- C Top predator
- D Decomposer

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3 **A barnacle attaches to a whale and gains transport and food The whale is not helped or harmed This relationship is**

- A Mutualism
- B Parasitism
- C Commensalism
- D Competition

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4 **A keystone species has a large effect on its ecosystem relative to its**

- A Size
- B Age
- C Color
- D Abundance

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5 **Sea otters eat sea urchins, and sea urchins eat kelp. If otters decline, what is likely to happen to the kelp forests, and why?**

- A Decline as urchins increase
- B Increase as urchins decrease
- C Stay the same
- D Turn into desert

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ANSWER KEY

1. A
2. B
3. C
4. D
5. A

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