

اختبار الوحدة الثانية

الأسئلة الموضوعية - MCQ



احصل على الشرح الكامل للصف من خلال:

التواصل والحجز عبر الـ Whatsapp

اضغط على الرقم: 0566410429



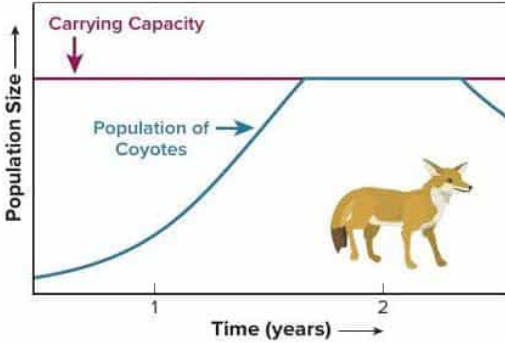
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معنا قم بمسح الـ QR



NOLOGIA

Question 1: Examine the graph, then answer the question below.

A population of coyotes lives in a habitat with plentiful food and no predators. Analyze the graph and interpret what is happening to their population size at the one year mark.



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| A. The population size is decreasing |
| B. The population size is remaining the same |
| C. The population size is increasing |
| D. The population size cannot be inferred from the graph |

Question 2: What makes up an ecosystem?

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| A. Only the living things in an area |
| B. Only the nonliving parts of the environment |
| C. All of the living and nonliving things in an area |
| D. All the ecosystems on Earth |

Question 3: What defines an "extinct" species?

- A. A species that has died out and no individuals are left
- B. A species that is at risk of dying out
- C. A species that is decreasing in size due to winter
- D. A species that is decreasing in size due to winter

Question 4: What is the definition of a "drought"?

- A. A period of above-average precipitation for a particular area
- B. A period where wildfires destroy forests
- C. A period where aquatic species migrate
- D. A period of below-average precipitation for a particular area

Question 5: What distinguishes a "threatened species" from an "endangered species"?

- A. A threatened species is already extinct
- B. A threatened species has a higher risk of extinction than an endangered species
- C. A threatened species is at risk, but not yet endangered
- D. There is no difference; the terms mean the same thing

Question 6: A documentary on sharks shows a small remora fish attached to the shark. The remora fish eats any parasites on the shark and leftover food. Which explanation best fits this type of relationship?

- A. This relationship is parasitism because the fish is eating off the shark
- B. This relationship is mutualism because the fish receives food and the shark is cleared of dangerous parasites
- C. This relationship is commensalism because only the fish is benefiting while the shark is neither helped nor harmed
- D. This relationship is cooperative because both are working together to help the fish receive food

Question 7: The image below depicts Rhizobium, a type of bacteria, growing within plant root nodules. Imagine that you are growing bean plants. You notice that every bean plant with Rhizobium, a type of nitrogen-fixing bacteria, is very healthy. You also notice that the plants without Rhizobium in their root nodules seem to be doing poorly. Through research, you learn that Rhizobium gains food from the plant. What can you infer about the relationship between the Rhizobium bacteria and the bean plants?



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| A. Rhizobium and the bean plant are an example of commensalism |
| B. Rhizobium and the bean plant are an example of mutualism |
| C. Rhizobium and the bean plant are an example of a predator-prey interaction |
| D. Rhizobium and the bean plant are not part of a relationship |

Question 8: In a parasitic relationship, what is the term for the species that is harmed?

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| A. Host |
| B. Parasite |
| C. Predator |
| D. Prey |

Question 9: In which region are oxpeckers primarily found?

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| A. The rainforests of South America |
| B. The deserts of North Africa |
| C. The savanna of Sub-Saharan Africa |
| D. The grasslands of Australia |

Question 10: How do ants within a colony communicate with each other?

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| A. By making loud noises |
| B. By touching antennae only |
| C. By using chemicals that other ants smell |
| D. By visual signals |

Question 11: After a devastating forest fire, small green sprouts begin to appear on the forest floor. What is happening in the image?



- A. The forest is undergoing primary succession
- B. The green sprouts will not grow into full plants and the forest will not recover
- C. The forest is suffering from eutrophication
- D. The forest is undergoing secondary succession

Question 12: How might a lake suffering from eutrophication affect a population of fish?

- A. The population will grow because of the extra nutrients
- B. The fish population will not be affected
- C. The size of the population will waver
- D. The population will suffer due to decreases in oxygen and habitat loss

Question 13: What is the definition of "ecological succession"?

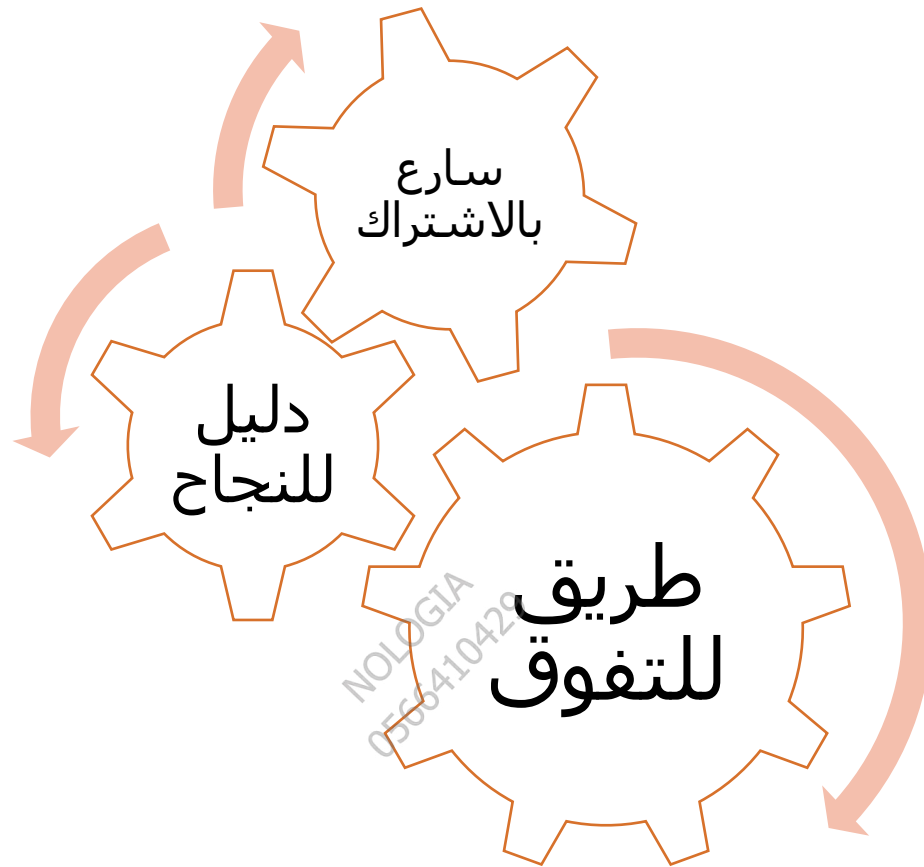
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| A. The process of one ecological community gradually changing into another |
| B. The sudden destruction of an ecosystem by a natural disaster |
| C. The process of animals migrating from one habitat to another |
| D. The final stage of a forest ecosystem |

Question 14: Which of the following human activities contributes to overloading ecosystems with nitrogen?

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| A. Planting trees in forests |
| B. Burning fossil fuels and agricultural activities |
| C. Recycling plastic waste |
| D. Using solar energy |

Question 15: Why do humans and animals require clean air?

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| A. To produce energy |
| B. To stay healthy |
| C. To grow faster |
| D. To reproduce successfully |



للحجز التواصل عبر الـ Whatsapp من خلال الضغط على الرقم:

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مع أطيب التمنيات بالنجاح والتوفيق ...
النهاية ...