

Interactions and Ecosystems Practice Quiz

Topic 1 - Interactions Within an Ecosystem

1. Living things have basic needs. Throughout the first topic in this unit the needs of living things were examined in depth. The four basic needs of living things are:

food, clothing, shelter, love

food, water, habitat, space

water, air, habitat, protection

air, water, food, habitat

2. Some living things depend on each other in a very close relationship, which lasts over time. This relationship is called ...

mutualism

parasitism

symbiosis

commensalism

3. Adaptations are inherited characteristics that help an organism to survive and reproduce in its environment. Looking both ways before crossing a street helps us survive because it is ...

inherited from our parents

learned through experience

a survival adaptation

an inherited survival experience

4. A salamander hides under the bark, fungi grows on the rotting log and other forest dwelling organisms use the hollow core as a home. This rotting decaying log is an ...

environment

ecological subsystem

ecotrust

ecosystem

5. Tapeworms live inside organisms and feed on the nutrients of the food they eat. A tapeworm is an example of ...

mutualism

parasitism

commensalism

cannibalism

Check your [Answers](#)

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1. Living things have basic needs. Throughout the first topic in this unit the needs of living things were examined in depth. The four basic needs of living things are:

food, clothing, shelter, love

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air, water, food, habitat

(Text p. 8) All living things need food, water, a suitable habitat and exchange gases.

2. Some living things depend on each other in a very close relationship, which lasts over time. This relationship is called ...

mutualism

parasitism

symbiosis

(Text pgs. 14 and 15) All of the other distractors are examples of a type of symbiotic relationship, symbiosis is the name given that describes the relationship

commensalism

3. Adaptations are inherited characteristics that help an organism to survive and reproduce in its environment. Looking both ways before crossing a street helps us survive because it is ...

inherited from our parents

learned through experience (Text p. 10)

a survival adaptation

an inherited survival experience

4. A salamander hides under the bark, fungi grows on the rotting log and other forest dwelling organisms use the hollow core as a home. This rotting decaying log is an ...

environment

ecological subsystem

ecotrust

ecosystem (Text p. 13)

5. Tapeworms live inside organisms and feed on the nutrients of the food they eat. A tapeworm is an example of ...

mutualism

parasitism (Text p. 15) Figure 1.8

commensalism

cannibalism