

QUIZ 1B NOTES

REVIEW

Three Challenges of Life

1. Getting and using energy = __
2. Reproducing = __
3. Maintaining structure = __

REQUIREMENTS FOR SUCCESS

1. __ - necessary for physical and chemical process by all organisms
2. __ or __
 - Plants AND Animals need __ for cellular respiration.
 - Plants need __ for photosynthesis.
3. __
 - Animals get __ by eating other organisms.
 - Plants make __ during photosynthesis.
4. The __ - consists of __, __, __, and __.

EXPLAIN why the Venus Fly Trap “eats” bugs.

<type answer here>

REVIEW II

Ectotherm =

- __ - how ectotherms warm up.
- __ - how ectotherms cool down.
- Examples:

Endotherm =

- __ - how endotherms try to warm the body.
- __ & __ - how endotherms cool the body.
- Examples:

RESPONSES

Example of Stimulus –

Example of Response –

Example of Reflex –

EXPLAIN why a rabbit would leave a safe hiding place.

<type answer here>

VOCABULARY

Adaptations – a structure or behavior that helps an organism live and reproduce in a particular environment.

Climates – the temperature and weather conditions of an environment.

Shelter – how and where organisms stay during severe weather and dangerous situations.

Space – the amount of land an organism needs to survive and reproduce.

Homeostasis – the tendency of an organism to regulate its internal conditions to maintain good health in a changing external environment.

Stimulus – a thing or event that evokes a specific functional reaction in an organism (stimuli, plural).

Response – an action that is performed as a reaction to a stimulus.

Reflex – an action that is performed as a response to a stimulus but without conscious thought.