

## Biology Exam

### Ecosystems and Trophic Chains

I) Instructions: Drag the correct word to fill the chart.

white shark      grass      raccoon      zooplankton      hawk  
algae      snake      fish      fish  
mosquito larva      seal      grasshopper

Trophic Level	Grassland Biome	Pond Biome	Ocean Biome
Producer			phytoplankton
Primary Consumer			
Secondary Consumer	rat	dragonfly	
Tertiary Consumer			
Quaternary Consumer			

**II) Instructions: Fill the chart with the correct information.**

<b>r strategy</b>	<b>K strategy</b>

small size of organism

short life expectancy

big size of organism

energy used to make each individual is low

energy used to make each individual is high

few offspring produced

many offspring produced

early maturity

late maturity

long life expectancy

**III) Answer the questions.**

- a) An animal that eats meat is called. \_\_\_\_\_
- b) An animal that eats plants is called. \_\_\_\_\_
- c) An animal that eats meat, plants and grain is called \_\_\_\_\_
- d) By the way fungi eats we call it \_\_\_\_\_
- e) Animals that eat excrement are called \_\_\_\_\_

#### IV) Join the definition with the correct words.

Organisms that prepare their own food through the process of photosynthesis.

energy

Organisms that cannot prepare their own food and depend upon autotrophs for nutrition.

Sexual reproduction

What travels through a food chain?

ecosystem

Reproduction, involving the fusion of gametes introduces variety into animal and plant species.

autotrophs

Reproduction that does not involve sex cells or fertilization.

Trophic level

A community or group of living organisms that live in and interact with each other in a specific environment.

Asexual reproduction

The position or category an organism occupies in a food chain.

heterotrophs