

Grade 7
Unit A - Ecosystems

Name: _____

Complete all questions and fully develop all of your answers.

#1. Differentiate between abiotic and biotic. Give an example for each. (6 marks)

#2. Complete the following chart of the five needs of living things. (10 marks)

What Living Things Need	What It Does	Where It Is Found
Oxygen		
Water		
Food		
Energy		
Suitable Habitat		

#3. Describe the following terms and provide 2 examples for each. (18 marks)

- a) herbivores
- b) carnivores
- c) omnivores
- d) scavengers
- e) detritivors
- f) decomposers

#4. Use the following terms to fill in the blanks in regards to the Energy Pyramids. (4 marks)

Producers	Primary Consumers	Secondary Consumers	Tertiary Consumers
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_____ Consumers get only a small amount of the energy from the level below

_____ Of the energy consumed only a little is available for the next level

_____ Energy is used by the consumer to move and stay alive. Less energy is available for the next level

_____ Most of the energy at this level is used for growing or is stored by the plants

#5. Differentiate between primary and secondary succession. (4 marks)

#6. Environment will continue to be an important factor in our lives. Answer the following question expressing your opinion. Be sure to fully support the answer that you give. (Level Question)

"The environment is no longer my problem as the problem was created by someone else so let them fix it!"