MiSP Predator Prey Assessment

Name ______________________________                    Date_____________

FOOD WEB

Identify an example of an organism from the food web above that obtains food in each of the following ways:

1. Herbivore  ______________ __________________________
2. Carnivore  ______________ __________________________

3. A predator and one (1) of its prey
   A. Predator ______________ _______________________
   B. Prey  ______________ _______________________

Notes: arrows: eaten  eaten by
4. Is there an omnivore in this food web? If yes, what is the animal? If no, why not?

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5. Write a food chain from the food web above. Include a producer and at least two consumers.

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6. Two species on the planet Zork are the torgu and roppozoid. One is a predator and the other is its prey. In a particular ecosystem on Zork, there are 33 roppozoids and 311 torgu.
   a. Which animal is the predator? ________________________________________

   b. Explain your answer in a above.

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Use the predator-prey population graph to answers questions 7-10.

7. Why does the predator population decrease twice on this graph?

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________________________________________________________________________
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8. Why do the peaks of the predator and prey populations occur at different times?

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________________________________________________________________________
________________________________________________________________________
9. If the graph continued to the right, what would you predict would happen to the predator population? Explain your answer.

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10. Mark the graph above with an ‘X’ on a section of one of the two curves where the unit rate of change is a negative number.