Complete the following in the space provided.

Define the following:

Ecosystem – a habitat where plants, animals, microorganisms interact with each other and their surroundings

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Habitat – the place where an organism lives; where an organism gets food, shelter, water, protection, breeding space

Carrying capacity – the number of organisms or species that a given habitat/area can support

Producer – organism/component of an ecosystem that is food for other organisms

Consumer – eats producers

Explain the difference between conservation and preservation.

Conservation is the management by man of a space/species to allow all components to thrive within the carrying capacity of the habitat. Preservation is the total non-management or hands off approach to deal with a space or species. Everything is allowed to function without the aid or interference of man.

On the back of this sheet, draw a food web using a local ecosystem as the source. Remember to label all the components of the web, show the direction in which the energy transfers take place, and

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***Be sure the web has components of all of the levels, the arrows showing the order of who eats who; the labels are on everything***