Below are questions that you should be able to answer after today’s lecture:

**Topic:** What Is biodiversity? How is biological diversity distributed among taxa? Why Preserve Biodiversity?

1) What is biological diversity?

2) Contrast a biocentric/ecocentric view of nature and a homocentric or anthropocentric view. (See Chapt. 4 in your book for more on this topic.)

3) Discuss and provide examples of key ecosystem services.

4) Explain ways that regulation of disease may be linked with changes in ecosystems and biodiversity.

5) Can rainforest conservation be justified because these forests provide sources of medicinal products? Note: This question can be argued from two perspectives -- yes (use of traditional medicines in developing countries); no (industrial companies synthesize drugs)

6) How do nonmarketed externalities contribute to inappropriate use/conversion of ecosystems?