

I. Biodiversity occurs on many scales.

- A. Earth has _____ million species
- B. Organisms have diversity of _____
- C. Earth has a variety of _____
- D. Earth has a multitude of _____

II. Ecosystem Services

- A. Provisional-
- B. Regulating -
- C. Cultural-
- D. Supporting - Necessary for the production of _____

III. Examples of Ecosystem Services

A. Provisional Services (provide)

- a. _____ (fish, animals, crops) d.
- b. Raw materials (skins, wood, rubber) e.
- c. _____ f. (hydropower, fuels)

B. Regulating Services

- a. Store d. Purify water and air
- b. Regulate e. Control
- c. _____

C. Cultural Services

- a. _____ (Using nature in books, film, painting, etc.)
- b. _____ (Using nature for religion or traditions)
- c. _____ (Ecotourism, outdoor sports, parks, etc.)
- d. _____ (Using nature for school trips, park tours & scientific discovery)

D. Supporting Service

- a. Cycle & move
- b. _____ crops & natural vegetation
- c. _____
- d. _____

IV. Human Impact on Biodiversity

- A. The human population is growing at an _____ due to better _____
- B. As the population grows, we are _____ of our planet.
- C. Human activity is a _____ of _____ environmental change and we are the prime _____