

1. Define extirpation.

2. Why is it important for soil to have a healthy humus layer?

3. What advantage is there to leaving fields in fallow?

4. Give 3 reasons why wetlands are important.

a. _____

b. _____

c. _____

5. One of the problems with pesticide use in farming is that pesticides are non-selective. Explain what is meant by non-selective.

Why are non-selective pesticides a bad thing?

6. The Secure Fence that exists along sections of the USA-Mexico border was built by America to keep illegal immigrants from entering the USA, but it has severe impacts on wildlife. Explain how the fence affects wildlife.

Unit 4: Biosphere Quiz

Topic: Humans - a damaging influence (B)

Name _____

1. In some areas as much as 90% of wetland habitat has disappeared. List 3 reasons why wetlands are diminishing.

a. _____

b. _____

c. _____

2. What single factor today has accelerated species extinction more than any other?

3. Define the term wetland.

4. Define organic farming.

5. Why are farmers using ever increasing amounts of artificial fertilizers?

6. The burrowing owl has been designated as an endangered species in BC. What human actions have led to the endangerment of this species?

7. The Secure Fence that exists along sections of the USA-Mexico border was built by America to keep illegal immigrants from entering the USA, but it has severe impacts on wildlife. Explain how the fence affects wildlife.

1. Define silviculture.

2. Tropical rainforests such as the Amazon rainforest in South America are disappearing at an alarming rate. List 3 reasons why tropical rainforests are diminishing in size.

- a. _____
- b. _____
- c. _____

3. One consequence of deforestation in the Amazon is the steady decline of carbon sinks. Trees take in carbon dioxide and in the process help slow global warming. List 2 other consequences of deforestation.

- a. _____
- b. _____

4. The tropical rainforest is thought of as the most important forest biome in the world. Name the other very important forest biome which stretches across the continents of North America and Asia.

5. Selective logging removes only certain trees leaving much of the forest untouched. Why is selective logging seldom practiced in the tropical rainforest?

1. Define transpiration.

2. List 3 reasons why forests play an important part in the ecosystem.

a. _____

b. _____

c. _____

3. How has the developed world contributed to the destruction of tropical forests?

4. Explain why soils in the tropical regions quickly deteriorate after deforestation?

5. Give 2 reasons why many equatorial countries are guilty of rapid deforestation.

6. How will the temperate and boreal forests in Canada be affected by global warming?
