

Deforestation and Reforestation Essentials

Environmental Science · Practice Test · 8 Questions

1. What is the primary driver of global deforestation?

- A) Agricultural expansion
- B) Urban development
- C) Mining operations
- D) Road construction

2. Which term refers to the process of planting trees in an area where there was no previous forest cover?

- A) Deforestation
- B) Afforestation
- C) Reforestation
- D) Clear-cutting

3. What is the main role of forests in the global carbon cycle?

- A) Releasing oxygen as a waste product
- B) Carbon sequestration
- C) Increasing soil temperature
- D) Producing nitrogen

4. The Amazon Rainforest is primarily located in which continent?

- A) Africa
- B) Asia
- C) South America
- D) Australia

5. What is a major negative consequence of deforestation on local climates?

- A) Increased atmospheric pressure
- B) Reduced transpiration and rainfall
- C) Higher wind speeds
- D) Lower soil pH

6. Reforestation helps mitigate climate change by doing what?

- A) Blocking sunlight from reaching the ground
- B) Absorbing carbon dioxide from the atmosphere
- C) Reducing the need for water irrigation
- D) Creating windbreaks for cities

7. Which of the following is a direct result of rapid deforestation?

- A) Increased habitat fragmentation
- B) Faster oceanic currents
- C) Higher levels of ozone
- D) Growth of new glaciers

8. Why is the preservation of old-growth forests considered more critical than planting new trees?

- A) They grow faster than young trees
- B) They store more carbon and support higher biodiversity
- C) They require less rain
- D) They are immune to forest fires