Deforestation and Reforestation Essentials

Environmental Science · Answer Key · 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

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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

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