

Multiple Choice: Causes and Prevention of Erosion

Directions: Answer the multiple choice questions.

Questions

1. Which of the following will NOT help prevent erosion?

- no-till
- cover crops
- intensive tillage
- terrace farming

2. A cover crop is a plant grown on soil to

- reduce insect pest problems
- protect the soil from erosion during the off-season
- give the soil a more level topography
- keep grazing animals out of a field

3. Which of the following involves planting rows across a slope and not up and down the slope?

- contour farming
- no-till farming
- intensive tillage
- buffer cropping

4. How can no-till farming affect water pollution?

- increase it by adding more sediment to water
- increase it by adding more bacteria to farm fields
- decrease it by cutting down on soil erosion and subsequent sedimentation of rivers and streams
- decrease it by cutting down on the amount of pesticides and fertilizers needed for growing food

5. Which of the following will NOT limit soil erosion from grazing animals?

- move them around frequently
- keep them away from streams and riverbeds
- keep them fenced in one area
- restrict them to the banks of rivers and streams

6. What type of land is most prone to erosion?

- forest
- temperate grassland
- bare land with no vegetation
- flat land

7. How does logging affect soil erosion?

- slows it down by protecting the soil from wind
- speeds it up by exposing the bare soil
- slows it down by adding organic matter to the soil
- speeds it up by increasing the rainfall in an area

8. Which human activity can cause soil erosion?

- agriculture
- construction
- recreation
- all of these

Answers

1. intensive tillage
(Intensive tillage will NOT help prevent erosion)
2. protect the soil from erosion during the off season
(A cover crop protects the soil from erosion during the off season.)
3. contour farming
(Contour farming involves planting rows across a slope.)
4. decrease it by cutting down on soil erosion and subsequent sedimentation of rivers and streams
(No till-farming will decrease water pollution by cutting down on soil erosion and subsequent sedimentation of rivers and streams.)
5. restrict them to the banks of rivers and streams
(Restricting animals to the banks of rivers and streams will NOT limit soil erosion.)
6. bare land with no vegetation
(Bare land with no vegetation is most prone to erosion.)
7. speeds it up by exposing the bare soil
(Logging speeds up erosion by exposing the bare soil.)
8. all of these
(All of these activities can cause soil erosion.)