

Ecosystem Changes Practice (Demo Version)

Read each question carefully.

- 1) Which statement correctly compares how erosion and weathering cause changes in Earth's surface?
- A) Erosion changes Earth's surface rapidly, but weathering causes changes slowly over time.
 - B) Erosion changes Earth's surface slowly over time, but weathering causes rapid changes.
 - C) Erosion and weathering both cause rapid changes in Earth's surface.
 - D) Erosion and weathering both cause slow changes in Earth's surface over time.
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- 2) Which of these processes causes rapid changes on Earth's surface?
- A) ocean currents
 - B) rain shower
 - C) river flooding
 - D) beach erosion
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- 3) Which of these processes causes slow changes on Earth's surface?
- A) tornado
 - B) flash flood
 - C) landslide
 - D) rock erosion
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4) What is a way in which earthquakes cause rapid changes to Earth's surface?

- A) They may cause erosion that forms river deltas.
 - B) They may cause waterfalls that carve cliffs.
 - C) They may cause glaciers to carve out canyons.
 - D) They may cause large waves that flood coasts.
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5) Which of these processes causes rapid changes on Earth's surface?

- A) volcanoes
 - B) ocean waves
 - C) breezes
 - D) weathering
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6) How may deposition cause slow changes to Earth's surface?

- A) by forming cliffs
 - B) by forming river deltas
 - C) by causing rivers to widen
 - D) by causing caves to form
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7) What is a way in which earthquakes cause rapid changes to Earth's surface?

- A) They form islands.
 - B) They make oceans.
 - C) They cause cracks.
 - D) They build mountains.
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8) What is a way in which volcanoes cause rapid changes to Earth's surface?

- A) They may cause hurricanes.
 - B) They may blow off mountaintops.
 - C) They may make soil more fertile.
 - D) They may form islands.
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9) Which event may pollute the atmosphere?

- A) flood
 - B) forest fire
 - C) blizzard
 - D) hurricane
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10) How will smoke from a forest fire most likely affect Earth's atmosphere?

- A) It may cause air to contain less oxygen.
 - B) It may cause pollution in the air.
 - C) It may cause the planet's climate to change.
 - D) It may cause clouds to stop forming.
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11) How will a sandstorm most likely affect Earth's atmosphere?

- A) It may block out the sun.
 - B) It may lower air pressure.
 - C) It may increase humidity.
 - D) It may add oxygen to the air.
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12) Which event may spread viral and fungal diseases through the air?

- A) forest fire
 - B) acid rain
 - C) sandstorm
 - D) volcanic eruption
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13) Which event may lower ozone levels in the atmosphere?

- A) hurricane
 - B) volcanic eruption
 - C) blizzard
 - D) thunderstorm
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14) Which event may block the sun and reduce temperatures in Earth's atmosphere?

- A) earthquake
 - B) flood
 - C) mudslide
 - D) sandstorm
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15) What harm can forest clearing cause to an environment?

- A) Forest clearing blocks sunlight.
 - B) Forest clearing causes wildfires.
 - C) Forest clearing destroys farmland.
 - D) Forest clearing increases soil erosion.
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16) What harm can droughts cause to an environment?

- A) Droughts can remove soil needed for plant growth.
 - B) Droughts can cause the loss of wildlife habitat.
 - C) Droughts can cause melting of glaciers.
 - D) Droughts can pollute water supplies.
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17) What good can fires do for an environment?

- A) Fires help animals stay warm.
 - B) Fires remove chemicals from the air.
 - C) Fires add nutrients to the ground.
 - D) Fires clean water in rivers and lakes.
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18) What good is a thunderstorm most likely to cause?

- A) Rain from thunderstorms washes chemicals into rivers.
 - B) Wind from thunderstorms removes harmful weeds.
 - C) Lightning from thunderstorms increases nutrients in soil.
 - D) Clouds from thunderstorms protect organisms from sunlight.
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- 19) What harm is a hurricane most likely to cause?
- A) Hurricanes can warm ocean water.
 - B) Hurricanes can flood organisms' habitats.
 - C) Hurricanes can break the ground into pieces.
 - D) Hurricanes can make air become cool and dry.
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- 20) What good is a forest fire most likely to cause?
- A) It can increase erosion.
 - B) It can remove animal habitats.
 - C) It can release nutrients in the soil.
 - D) It can block sunlight.
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