

Name: _____ Date: _____

Our Changing Earth

Q1. Explain the work of ice.

Ans. _____

Q2. Why do buildings collapse due to earthquakes?

Ans. _____

Q3. Write a short note on earthquake preparedness.

Ans. _____

Our Changing Earth

Q1. Explain the work of ice.

Ans. Glaciers are "rivers" of ice which too erode the landscape by bulldozing soil and stones to expose the solid rock below. Glaciers carve out deep hollows. As the ice melts they get filled up with water and become beautiful lakes in the mountains. The material carried by the glacier such as rocks big and small, sand and silt gets deposited. These deposits form glacial moraines.

Q2. Why do buildings collapse due to earthquakes?

Ans. Buildings collapse due to earthquakes because

- i. Earthquakes move the ground side to side and up and down—simultaneously. The force behind this movement is powerful enough to turn soft soil instantly into quicksand, eliminating its ability to bear weight.
- ii. Most of the buildings are not safe enough to resist the vibrations of the earthquakes due to shallow foundation and lack of adequate steel in the interior design.

Q3. Write a short note on earthquake preparedness.

Ans. Although earthquakes cannot be predicted, the impact can certainly be minimised if we keep the following points in mind.

Safe Spot – Take shelter during an earthquake under a kitchen counter, table or desk, against an inside corner or wall.

Stay Away from – Fire places, areas around chimneys, windows that shatter including mirrors and picture frames.

Be Prepared – Spread awareness amongst our friends and family members and face any disaster confidently.