

When there is an earthquake, why do some houses collapse while others don't?

Because they were poorly built, built with poor materials, or not meeting building code regulations.

Are earthquakes natural or man-made hazards?

They are natural hazards, although people's actions can increase their impact.

What do you call a large number of insects or other animals that eat and destroy crops?

A plague.

Which of the following is a giant wave caused by an earthquake under the sea?

- 1. Tiramisu**
- 2. Tsunami**
- 3. Timbuktu**

What is the name of the chemical reaction between oxygen, heat, and fuel?

Fire.

Why is it dangerous to play with matches in the forest?

Because you can start a forest fire. Once a fire gets going, it can destroy acres of forest, brush, or grasslands, and it is very hard to stop.

What is a tsunami?

It is a giant wave or a series of giant waves in the ocean caused by an earthquake or volcanic eruptions under the sea.

Why should people not live too close to a volcano?

To avoid being affected by a possible eruption.

Why should you not live too close to a river?

Because when the water level rises it could lead to flooding.

What is a seismometer?

An instrument that measures the intensity of an earthquake.

Name at least three supplies that you should include in your Emergency Kit in case of is a disaster?

Any three of the following: purified water, an electric torch or flashlight, batteries, clothes, imperishable canned, food, a first-aid kit.

Can you name a place that is dangerous to live because of high vulnerability? Why?

Any of the following: river banks because of the risk of floods, the slopes of a volcano because of the risk of an eruption, a deforested hill because of the risk of landslides.

What is the name of a strong wind shaped like a funnel?

Tornado.

What is the name of a violent explosion of lava, ash, or toxic gases from inside the Earth?

A volcanic eruption.

What can happen if you throw garbage into a river?

The river might get blocked until the water level gets too high causing a flash flood. The river will also get contaminated and people can get sick if they drink the water.

What is a hurricane?

It is a violent storm formed at sea in the tropics.

When does the hurricane season in the Atlantic begin and end?

It begins on June 1st and ends on November 30th.

Mention at least two safety rules for dealing with a tornado.

Any two of the following:

- **Take shelter in a basement.**
- **Stay away from windows.**
- **Keep some of the windows of the house open on the side that is facing in the opposite direction of the tornado.**
- **When caught in an open field, lie down flat in a trench, creek bed or hole in the ground and stay there until the tornado has passed. Do not stay inside a vehicle.**

What is volcanic ash?

Pulverized rocks that have been ejected in a cloud of vapor and gases.

Name at least two causes of forest fires.

Any two of the following:

Lighting, discarded cigarettes that are still burning, slash and burn farming techniques.

Name at least two causes of erosion.

Any two of the following:

Deforestation.

Using poor farming techniques.

Keeping cattle grazing in the same spot for too long.

Planting the same crop every year in the same plot.

What is erosion?

The wearing away of the soil due to strong rains, winds, and poor land use.

How do we call it when soil and rocks slide downhill very quickly, because the ground is not firm enough?

A landslide or mudslide

Why is it so important to keep mountain areas forested?

To protect Nature, prevent landslides and erosion, and to protect springs and river sources.