

**SOCIAL STUDIES**

**GRADE: V DATE: 14 .10.20**

**12. NATURAL DISASTERS**

I.ANSWER THE FOLLOWING

**1. What are the main causes of floods? Write two ways in which floods can be controlled?**

* Floods occur mainly because of heavy rainfall.
* Collapses of dams, blocking of rivers due to landslides, cyclones, Tsunamis and sudden melting of snow on mountains also cause floods.
* Floods can be controlled by planting trees and building special dams to check the speed of water.

**2. What is drought? Suggest some measures to prevent droughts.**

Drought means occurrence of little or no rain for a long period of time.

Droughts can be prevented in the following ways.

* Growing more trees.
* Developing rainwater harvesting systems.
* Growing drought-resistant crops such as sorghum, millets and maize.
* Spraying water directly on the base of the plants.
* Developing effective irrigation facilities.

**3. Why does an earthquake occur? How is it measured?**

* An earthquake occurs when there are sudden movements under the Earth’s surface.
* A seismograph is an instrument that records earthquake tremors.
* The magnitude or intensity of an earthquake is measured on the Richter scale.

**4. What are cyclones? Which state in India are prone to cyclones?**

* Cyclones are violent storms.
* They form over oceans and seas.
* They are accompanied by heavy showers and high-speed winds.

West Bengal , Odisha ,Andhra Pradesh, Tamilnadu, Maharastra and Gujarat are prone to cyclones.

**5. Define focus.**

The place of origin of an Earthquake is called the focus.

**6. Define an epicentre.**

The point directly above the focus on the Earth’s surface is called an epicentre.

**7. What are the precautions taken during an earthquake?**

The following steps taken during an earthquake

* Get out of your school or house and move to an open area.
* Stay away from buildings, trees and power lines.
* Sit under a heavy table if you are inside a building and cannot get out.
* Use the staircase and not the lift during and immediately after an earthquake.