

# Worksheet

## When the Earth Shook

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### Very short answer questions

I. Choose the correct answer to fill in the blanks.

floods, drought, Gujarat, famine

a) On 26th January, 2001 an earthquake occurred in the Kutch area of \_\_\_\_\_.

b) If there is no rain, crops can fail and there can be a \_\_\_\_\_.

c) Shortage of water and food can result in \_\_\_\_\_.

d) Excessive rainfall can lead to \_\_\_\_\_.

Ans.

- a) Gujarat
- b) Drought
- c) Famine
- d) Floods

II. Tick (✓) the correct answer.



A boy is sitting under a table holding tightly during an earthquake. Why do you think, one should go under a table or any other strong object during an earthquake?

- i) The table will work like a parachute while the boy is going down. ( )
- ii) He will be comfortable under the table during the earthquake. ( )
- iii) It is easier to find someone trapped under a table or any other large object. ( )

**iv) The table will save him from heavy things like stones, roofs or fans falling on him. ( )**

**Ans.**

A boy is sitting under a table holding tightly during an earthquake. Why do you think one should go under a table or any other strong object during an earthquake?

iv) The table will save him from heavy things like stones, roofs or fans falling on him.

### **III. 1 Mark questions. (Short answer questions)**

**a) What is an earthquake?**

**b) What happened on 26th January, 2001?**

**c) What is drought?**

**d) What do you mean by famine?**

**Ans.**

- a) Earthquakes happen when two large pieces of the Earth's crust suddenly slip. This causes shock waves to shake the surface of the Earth in the form of an earthquake.
- b) The 2001 Gujarat earthquake, also known as the Bhuj earthquake, occurred on 26 January.
- c) Drought occurs when a region receives no or less than the average amount of rainfall leading to water shortage, failure of crops and disruption of normal activities.
- d) 4.A famine exists when large numbers of people cannot get enough food for long periods of time.

### **IV. 2 Mark questions. (Long answer questions)**

**a) What should one do if an earthquake occurs?**

**(Or)**

**What are the precautions to be taken in case of an earthquake?**

**b) What kind of damage can an earthquake cause?**

**c) What advice do engineers and architects give people while building houses in the earthquake affected areas?**

**d) What type of difficulties (problems) are faced by people during floods?**

**Ans.**

1. (i) Stay calm! If you're indoors, stay inside. If you're outside, stay outside.

(ii) If you're indoors, stand against a wall near the center of the building, stand in a doorway, or crawl under heavy furniture (a desk or table). Stay away from windows and outside doors.

(iii) If you're outdoors, stay in the open away from power lines or anything that might fall. Stay away from buildings (stuff might fall off the building or the building could fall on you).

(iv) Don't use matches, candles, or any flame. Broken gas lines and fire don't mix.

(v) If you're in a car, stop the car and stay inside the car until the earthquake stops.

(vi) Don't use elevators (they'll probably get stuck anyway).

2. The following damage could happen:

(i) The various household equipment such as TV, radio, utensils, eatables etc. Could get destroyed.

(ii) If there would be a very severe earthquake, even the people would get crushed under the fallen houses and die.

3. Some of the advice are;

1) Using the proper construction items (eg. Cement, tmt bars etc.) for a durable construction.

2) Maintaining the safety parameters while construction process to avoid destruction due to construction failures.

4. The following difficulties are faced by people during floods:

(i) Many people die.

(ii) Many people get injured.

(iii) Their houses and other valuable get destroyed.

(iv) Their farms are destroyed.

(v) A lot of food items are destroyed.

(vi) There is a scarcity of drinking water.

(vii) Water borne diseases are spread.

(viii) The roadways and railways get affected badly.

(ix) Schools, hospitals and other important public places get destructed.