

NCERT SOLUTIONS

CLASS - 5th



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Class : 5th
Subject : Environmental Studies
Chapter : 14
Chapter Name : When The Earth Shook!

Q1 Have you or anyone that you know ever faced such difficulty?

Answer. Yes, my Mamaja says in Gujarat and he faced such an earthquake few years back.

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Q2 Who all helped at such a time? Make a list.

Answer. The list of the people who had provided help at that time is as follows:

- (i) The neighbours helped each other.
- (ii) People from the cities.
- (iii) The local leaders.
- (iv) The political leaders.
- (v) Various non-government organizations of that area.
- (vi) Doctors and nurses of the hospitals of that place.
- (vii) Few shopkeepers

Page : 132 , Block Name : Discuss And Write

Q1 A lot of people from other places came to Jasma's village. Who were these people? In what ways would they have helped the villagers?

Answer. The people who came to Jasma's village for help were:

- (i) People from the cities.
- (ii) Scientists, architect and engineers.
- (iii) Non-government and Voluntary organizations
- (iv) Some doctors
- (v) State Minister and other voluntary leaders, These people helped the villagers in a number of ways, such as:
 - (i) People from the cities with food, medicines and clothes. They also helped to put up the tents.
 - (ii) The scientists tried to find out which areas have more chances of having earthquake and they gave an alarming signal to the villagers to keep them away from these places.
 - (iii) The engineers and architects showed them some special designs for houses that would not get much damaged in an earthquake.
 - (iv) The non-government voluntary organizations helped the people by providing them foods. clothes, tents to make huts etc.
 - (v) Doctors and nurses provided them free first aid and treatment.
 - (vi) The state minister and other political leaders provided the people various basic things like food grains, vegetables, compensatory monkey etc.

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Q2 People In Jasma's village rebuilt their houses with suggestions from the engineers. Will these houses be safer then before in case there in an earthquake again?

Answer. Yes, these houses would comparatively safer than before in case there is an earthquake. This is these were now prepared according to the suggestions and designs explained by the engineers.

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Q3 Think, if there were is an earthquake where you live, would your house be a danger? What kind of damage could take place?

Answer. Yes, if there is an earthquake, where I live, my house would in danger. 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.

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Q4 What will you do to save pet animals during natural disaster?

Answer. We will quickly evacuate and move out the pet to a safer place during natural disaster.

Page : 134 , Block Name : Discuss

Q1 Compare your house with that of Jasma. List in your notebook what materials were used in making both the houses.

Answer. Jasma's House

- (i) It was made up of clay, cow, dung, mirror etc.
- (ii) This is not very strong and can break due to heavy rain, storm.

My Houses

- (i) It is made up of cement, bricks, glass, steel etc.
- (ii) It is very strong and can withstand all adverse climatic conditions.

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Q2 Have you been told in your school or anywhere else about what to do in case of an earthquake?

Answer. Yes, we were told in our school about what should be done in case of an earthquake. We were told to go out in a an place if possible or sit under a strong object like a table and hold it firmly.

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Q3 Why do you think one should go under a table during an earthquake?

Answer. During an earthquake, the house or tlk building can collapse and the twicks etc. can fall on the people and injure them, even causing their death. Therefore, if we would sit under a strong object like a table and hold it firmly.

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Q4 According to the TV reports, thousands of people were Injured and some died In Gujarat. If the buildings had been made In a way that they would not fall in the earthquake, would the damage have been different? How?

Answer. Yes, if the buildings there had been made earthquake-proof, the damage would have lesser. The people would not have died under the buildings and the number of injured people would have also lesser.

The loss of the various belongings of the people would also have been lesser.

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Q5 At times like this, when people have lost their homes and all their belongings, what kind of help would they need?

Answer. At times when people have lost their homes and their belongings, they would need the following help:

- (i) Tent/canvas to prepare their huts
- (ii) Clothes
- (iii) Food, water, milk
- (iv) Medicines and first aid treatment

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Q6 In such situations whose help would be needed and for what? Write in your notebook as shown here.

Answer.

<i>Whose help will be needed</i>	<i>How will they help</i>
1. Dog	To smell out where people are lying trapped
2. Labourers	To help in digging out the rubble and to build new homes
3. Doctors	To provide medical care
4. Designers and architects	To design quakeproof houses
5. Government organisations	To provide required relief measures
6. Non-government organisations	To provide required relief measures

Page : 136 , Block Name : Write

Q1 Have you ever seen people in your area helping each other? When?

Answer. Yes, few years back, few houses in our area got burnt. At that time all the neighbors helped them and provided them all possible support.

Page : 136 , Block Name : Discuss

Q2 Why do people live together In a neighborhood?

Answer. People live together in a neighborhood because at the time of any big problem, danger or calamities like earthquake, flood, theft or major health problems etc. they can take help from each other.

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Q3 Imagine, living in a place where there were no other houses or people around.

How would it be? For example, whom would you play with? With whom would you celebrate festivals and special days? Would you be scared?

Answer. If my house would have been all alone at a place, then

- (i) There would have no one to help us during any calamities, or disasters like earthquake, flood, fire, theft, major illness etc.
- (ii) There would be no one with whom I could play.

(iii) There would no one with whom we could celebrate various festivals and special

(iv) I would have scared

Page : 136 , Block Name : Discuss

Q4 People face a lot of difficulties when they lose people from their family, or their houses and belongings. In newspapers of the last one month, look for news related to such disasters – earthquakes, floods, fire, cyclones, etc., in different parts of the world. Collect these news reports and paste them in your notebook

Answer. DIY

Page : 136 , Block Name : Discuss

Q1 Make your own report which mentions the following: -

Cause of the disaster, date and time

What kind of damage did it cause – to lives, belongings, livelihoods?

Which people came forward to help?

Which government offices or other groups?

Answer. New Delhi, Friday 28 Jan, 2010

A major fire broke out on Thursday early morning in the slum area of Bawana. The incident occurred at around 4.30 am. The blaze was spotted in one of the Jhuggi 's due to a gas cylinder blast. The fire had spread to about 200 more Jhuggis.

Fire service officials said four fire-fighting tenders were pressed into action and the flames could be doused only after two hours. About 10 people on and the spot and more than 100 got severe injuries. The houses and the belongings of the people were completely burnt and destroyed. The area supervisor and leaders came help and support to the victim. Many non- government organizations also support by providing the victim's clothes, utensils, food, drinking water, milk etc. The government has declared to provide Rs. 2 lakhs to the family members of the deceased and Rs.50, 000 to each family who have lost their houses, as compensation.

Page : 137 , Block Name : Your News Report

Q2 Have people in your area ever got affected by famine or drought? Find such reports of different countries from newspapers. Make your own report.

Answer. Odisha hit by drought Thursday 2nd July, 2010 After a year Odisha has been hit by a severe drought again. More than 5,000 families living in the coastal area have been affected. Officials say the state has incurred a huge loss in its paddy crops worth more than 500 crore. There is scarcity of food and drinking water in the affected area. The people are dying due to starvation. The State Minister said that the government had taken all the measures it could to ensure that the food and drinking water is available to those affected. Various NGO's have also come to provide help and support to the people by providing food, water, milk, clothes etc. to the affected people. A leading state environmentalist said, the destruction of forest land and the lack of water conservation policy were two key factors responsible for the drought. Government has announced to pay Rs 25,000 to the affected family, as compensation.

Page : 137 , Block Name : Your News Report

Q3 You may need some help from these in case of an accident or emergency. Find out and write their addresses and phone numbers. Add more names to this list.

Answer.

	<i>Address</i>	<i>Phone numbers</i>
Fire station	R K Puram, Delhi	101
Nearby hospital	Devki Rani Hospital Saket, New Delhi	29533345
Ambulance	Saket, New Delhi	102
Police Station	Mehrauli	100
24 × 7 Chemist shop	Khirki Village, New Delhi	29538645

Page : 137 , Block Name : Your News Report

Q1 Write a report with the help of the following words: Floods, river water, Injured people, food packets, rescue work, camps, dead bodies, dead animals floating in water, houses under water, aerial survey (to see the scene of disaster from a plane), sad people, diseases spread by dirty water, homeless people, trapped people.

Answer. Guwahati, Aug 1, 2005 The flood situation in Assam has worsened with death of about 500 people in the last three days. Due to the heavy monsoons, the river water level of the adjoining Brahmaputra River has further risen above the danger mark. The Regional Meteorological Centre here warned of more rain and Aerial survey of the place was to estimate the loss. The area has about 8000 houses under water, two of dead bodies of man and animals floating in the water. The state government has opened 2500 temporary camps besides lodging the flood hit, sad and homeless people in trying their best to help and support to the trapped people. They have been provided with food packets, drinking water, milk etc. Doctors are working voluntarily to provide free treatment to the injured ill people and also providing measures to prevent water borne
Government has announced to pay Rs. 2 lakh to the family members of the deceased and Rs. One lakh to all flood hit families, as compensation.

Page : 137 , Block Name : Difficult Times

Q1 What types of difficulties are faced by people during floods? Look at the picture, what kind of schools have the children come to after the flood? Write down what people has to make their life normal again after the flood.

Answer. During floods, people face the following difficulties

- Their houses get damaged.
- The area in which they live gets flooded and they are asked to move to a different area.
- They do not get proper food and are cut off from the neighboring areas
- There is a high risk of diseases spreading.

After the floods, the children are attending their school in the open area because their school building got damaged in the floods.

Page : 137 , Block Name : What We Have Learnt