

Name:**Date:****A. Fill in the blanks:**

1. Floods happen when there is _____ rain and _____ overflow.
2. A _____ is when there is little or no rain for a _____ time.
3. A cyclone forms over the _____ and has strong winds moving in a circle.
4. In a landslide, _____ and _____ become loose and fall _____ the _____ moves.
5. An earthquake can be strong or mild depending on how _____ the _____ moves
6. A volcanic eruption throws out _____ and _____ from the inside the earth.
7. Landslides are caused by _____.
8. Planting more trees could prevent _____.
9. The magma which spills into the earth's surface is called _____.
10. Scarcity of _____ and _____ are very common during floods.

B. State the following statement true or false

1. Farmers are badly affected with both floods and droughts
2. Fisherman can go out to sea during cyclone
3. A major reason for landslide is deforestation
4. Scientist are able to predict when earthquake will happen
5. A Tsunami is huge high wave in the sea, often caused by earthquake
6. When the pressure of hot gases and molten rocks within the earth becomes very great, there can be volcanic eruption
7. Floods do not lead to shortage of drinking water
8. Landslides can be caused by Volcanoes
9. Cyclone usually occur in coastal regions
10. Magma that spreads over the Earth's surface is called lava
11. During an earthquake, it is best to take shelter under a tree.
12. The floodwaters of a river are beneficial for the soil.

13. Flooding due to cyclones occurs in coastal areas.

14. A tsunami is a massive earthquake.

15. Deforestation increases rainfall and reduces the incidence of drought.

C. Match the following

A	B
1. Plastic and garbage	A. ruined crops due to drought or flood
2. Food Shortages	B. Contaminated water
3. Waterborne disease	C. Flood, land slide, earthquake and cyclone
4. Destruction of life and property	D. Block drains and waterways

D. Tick appropriate answer:

1. Which of these is not a natural disaster?

- (A) Fire in a forest caused by lightning.
- (B) Fire in a house by an electrical short circuit.
- (C) Flooding due to tidal waves in the sea.
- (D) Drought caused by lack of rain.

2. Which of these is the safest place during an earthquake?

- (A) In the open, away from tall buildings and trees.
- (B) At home under a table
- (C) At home on the roof
- (D) Under a tree.

3. Which of these gets affected during floods?

- (A) Crops
- (B) Roads
- (C) Transport
- (D) All of these

4. A cyclone causes:

- (A) floods
- (B) earthquake
- (C) fires
- (D) drought

5. Deforestation makes a region more prone to (more than one answer could be correct)

- (A) earthquake
- (B) floods
- (C) drought
- (D) cyclones

6. Which of these will not help prevent a drought?

- (A) Deforestation
- (B) Building of dams
- (C) Water harvesting
- (D) Afforestation

II. Subjective Questions

Q1. What is foreshocks and aftershocks?

Q2. What is a natural disaster?

Q3. What should you do if you feel an earthquake while you are in the house?

Q4. Why is there a food shortage during a drought?

Q5. Which instrument is used to measure the intensity of an earthquake?

Q6. What is a Richter scale?

Q7. Write short note on tropic cyclone.

III. Thinks and Answers

Q1. Complete the natural disaster table below:

Natural Disaster	Causes	Consequences	Precautions



Q2. Match the following

A. The sudden movements under the surface of the earth causes tremors or vibrations on the surface of the earth	Lack of snowfall in mountain regions	Lack of rainfall	May cause water borne diaereses
B. When heavy rain takes place	Can severely affect coastline causes large-scale loss to life and property	Causes great loss of life and property	Reservoirs should be constructed to store rain water
C. Rotating mass of air with minimum pressure in its center	Can destroy entire cities and change the landscape of a place	Insufficient water supply to meet everyone's need	Go to open areas and stay away from the buildings
D. It can occur without warning	Occur due to internal pressures within the earth	Avoid over cropping and over grazing	Don't use life. Use stair case
E. Cyclone and tsunamis in coastal regions	Is a vent or an opening on the earth crust through which molten materials (magma) comes out on the surface. From its interior	Earthquake that takes place under the ocean can sometimes cause tsunamis	Causes great loss of life and property
F. The point directly above the focus on the surface of the earth is called epicentre	Rapid release of energy that is stored within rocks of the crust	Wind blows with very high speed followed by heavy rainfall	If on road, stay away from trees, poles electric wires
G. Long period time when there is little or no rain	Farmers are worst affected	Watch the weather forecast and warnings	Scarcity of clean water

H. When dam collapse	Are caused by warm tropical moisture bearing clouds, which develop above oceans or seas	Japan and Philippines are the most prone earthquake countries in the world	Clean water gets contaminated
I. Series of large waves that are created when the water in an ocean is displaced is rapidly	Molten rock ruptures the grounds and pours out	Don't go near sea	Caused heavy flood and spread of diseases like cholera and malaria
J. Sudden melting of large amount of snow on mountains during summer season	Volcanic eruptions, underwater explosions and underwater earthquakes can generate a tsunami	People should move far away from the area of volcanic eruption	All electrical equipment's should be disconnected

Q2. Identify the natural disaster associated with given regions below:

Areas	Natural Disaster
Jammu and Kashmir, Himachal Pradesh, Uttarakhand, Sikkim, Darjeeling, some areas of West Bengal, seven states of the Northeast	
Japan, Philippines, Islands of south east Asia, Indonesia, Myanmar, Sri Lanka	
Bay of Bengal in the east and Arabian sea in the west	
Assam, West Bengal and Bihar. Northern states like Punjab and Uttar Pradesh	
Eastern Rajasthan, Madhya Pradesh, Eastern part of Maharashtra, interior part of Andhra and Karnataka Plateau, Orissa	

Q3. State the natural disasters associated with land, air and water.

Natural Disasters

