

Natural Disasters

Date _____

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D. Write short answers.

(1) What are natural disasters?

-Ans- Natural disasters show the destructive powers of nature. It means things that happen and are beyond our control.

(2) What is a volcano?

-Ans- A volcano is an opening in the Earth's crust through which molten rock material or magma comes out.

(3) What are cyclones? Which states in India are prone to cyclones?

-Ans- A cyclone is also a natural disaster. During a cyclone, winds blow at a very high speed and this is accompanied by very heavy showers. In India, the coastal areas of Gujarat and Maharashtra are affected by cyclones.

(4) How do floods occur?

-Ans- Floods are usually caused by very heavy rainfall that causes a river to overflow its banks and the water spreads to the surrounding areas.

F. Answer the following questions.

(1) (a) When does a drought take place?

-Ans- When there is a shortage of rainfall over a long period of time, there is drought takes place.

(b) List any four ways to prevent droughts.

Ans- Drought in an area can be prevented by-

- (i) Planting more trees.
- (ii) Developing irrigation facilities by building dams.
- (iii) Adopting modern techniques like rainwater harvesting.
- (iv) Growing drought resistant crops like millets.

(2) You live close to a volcanic zone. How do you prepare yourself for a volcanic eruption?

Ans- We can prepare ourselves for volcanic eruptions in the following ways-

- (i) by listening to radio or watching television for any kind of warning.
- (ii) by moving to a safer place.
- (iii) by always keeping a bag ready with basic things.

(3) Why is an 'earthquake drill' a common feature in the schools of Japan?

Ans- An 'earthquake drill' is a common feature in the schools of Japan because earthquakes occur frequently in Japan. The students are trained to face earthquakes. They practise hiding under tables and chairs to protect themselves during the earthquakes.

Multiple Choice Question (MCQ) – Tick (✓) the correct answer.

(Understanding)

..... in an area makes it prone to floods.

(a) Lack of vegetation

(b) Afforestation

(c) Proper sewage system

(d) Low rainfall

- Spraying water on the base of the plants so that less water is transpired

Multiple Choice Question (MCQ) – Tick (✓) the correct answer.

(Understanding)

A famine occurs due to

(a) failure of crops

(c) both (a) and (b)

(b) scarcity of food

(d) heavy rainfall



Multiple Choice Question (MCQ) – Tick (✓) the correct answer.

(Remembering)

The point where the earthquake originates is called the

- (a) focus (b) epicentre (c) vibration (d) famine

Exercise

[According to NEP Guidelines]

A. Oral Questions

1. When did a strong earthquake occur in Bhuj, Gujarat? (Remembering)
26th January 2001
2. Name any two diseases that spread in flood-hit areas. *Cholera, Malaria, Dengue.*

B. Multiple Choice Questions (MCQs) – Tick (✓) the correct answers.

(Understanding, Logical Thinking)

1. Which one out of the following is **true** about natural disasters?
 - (a) show the destructive power of nature
 - (b) cause suffering
 - (c) human beings cannot control them
 - (d) all of these
2. I am a violent storm in which wind rotates in a circle at a high speed. What am I?
 - (a) earthquake
 - (b) cyclones
 - (c) Tsunami
 - (d) drought
3. Which one out of the following is a precaution against the dangers presented by floods?



C. Fill in the blanks.

(Remembering)

1. *floods* occur because of sudden, heavy and continuous rainfall.
2. .. *Cyclones* are powerful winds accompanied by heavy showers.

3. *Drought*..... can be prevented when irrigation facilities are developed.
4. Molten rock material is called ...*magma*...

(Remembering, Understanding)