

St. Peter's Sr. Sec. school jaora

Class V

Science

Chapter 13 - Natural Calamities

A. Answer these questions

1. What is a natural calamity ?

Ans Calamities that occur due to natural reasons are called natural calamities.

2. Give two reasons why floods occur.

Ans Floods may also be caused by the collapse of a dam built over a river. Sometimes melting of large amounts of snow on mountains due to long hot summers also causes floods.

3. Why is a good weather forecasting system important for reducing the damage due to floods ?

Ans A good weather forecasting system necessary for giving advance warning about flood and cyclones. A warning given to the people through the TV , radio or newspaper can help them move to safer places in time.

4. What is the epicenter of an earthquake?

Ans The point under the ground where the earthquake begins is called the focus and the corresponding spot on the surface is epicenter.

5. What is a tidal wave? Why do we call it by that name?

Ans Tidal wave is the common name for a tsunami. Tsunami is a Japanese word meaning harbour wave. Tidal waves have nothing to do with the tide, but are so called because they look like high tide, rushing towards the coast. Tidal waves are caused by undersea earthquake, volcanic eruptions, landslides, etc.

6. What are active volcanoes?

Ans Active volcanoes are those that may erupt any time or have erupted in the recent past.

But we must remember that in geology ' recent' can mean thousands of years! Many active volcanoes are found around the Pacific Ocean.

B. Fill in the blanks:

1. A cyclone is a very strong wind with very heavy rain.

2. Dams are built over rivers to check the flow of water.

3. Tremors after a major earthquake are called shocks.
4. A severe drought in which people die because of shortage of food is called a famine.
5. Some islands have been formed by the eruption of undersea volcanoes.
6. Mount Fuji and Mount Erebus are some well - known volcanoes.

C. True or false

1. Volcanoes are usually in the form of conical mountains - True
2. A natural calamity does not affect the progress of a country - False
3. The Richter scale has 10 levels - True
4. The point under the ground where the earthquake begins is called the epicenter - False
5. Afforestation is important for flood control - True

D. Match the columns

1. Volcanoes - Lava
2. Earthquake - Epicenter
3. After shocks - Tremors
4. Barren Islands - Active volcano
5. Undersea quake - Tidal waves
6. Richter scale - Quake intensity

E. Tick the correct answer

1. Tidal wave is the common name for

Ans Tsunami

2. Word Tsunami is taken from which language?

Ans japanese

3. It is well - known volcano

Ans both of these

