

"Q"

What is a tsunami? What are its features? How can we stop or avoid the threats of the tsunami?

Ans:

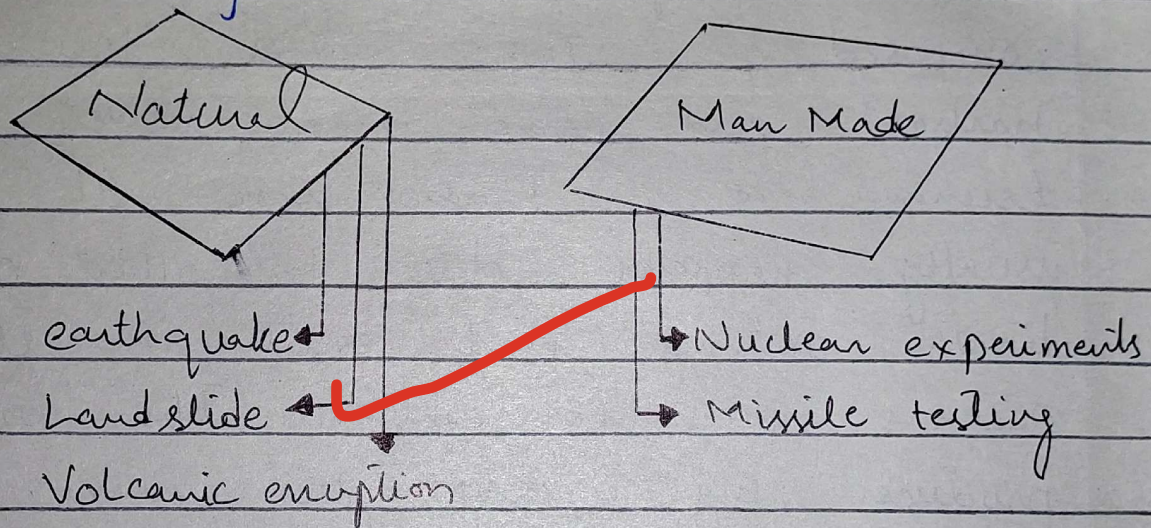
Introduction:

The term Tsunami comes from the Japanese language that composed of two words "tsu" means "harbor" and "nami" means "wave". So tsunami is a Harbor wave. It usually happens due to other natural disaster or man made events in the oceans due to which the water produce big wavelength waves. Usually in the open sea they do not appear big. It usually travel with speed of more than 700 km/hr. Thus, such a fast moving waves are difficult to stop. But, with some preventive measures and early management can avoid the destructive damage due to a tsunami.

Definition:

It is a very large ocean waves that is caused by an underwater earthquake or volcanic eruption or nuclear test bombs that often cause extreme destruction when it strike lands.

Causes of Tsunami:



Main features of Tsunami:

1) Long Wavelengths:

A tsunami have very long wavelength. It range from 10 to 500 km.

2, Very high Speed:

These long waves can travel with speed of more than 700 km/hr.

3, Low height in Open Oceans.

A tsunami wave height in open is very low upto half meter and is therefore difficult to spot.

4, Series of Waves:

A tsunami is usually a sequence of waves, and the 1st wave is usually not the stronger one.

Strategies to avoid threat of tsunami:



Individual Action

• Knowing the Sign & Signals

→ strong earthquake

→ louder roar of sea

→ unusual rise and fall of sea

• Evacuation

• Stay informed

North Pacific Coast, Japan Tsunami of 2011:

• A powerful Tsunami hit the east side of Japan with more than 18000 people death is recorded when an 9 magnitude earth quake occurred.

good attempt!!!