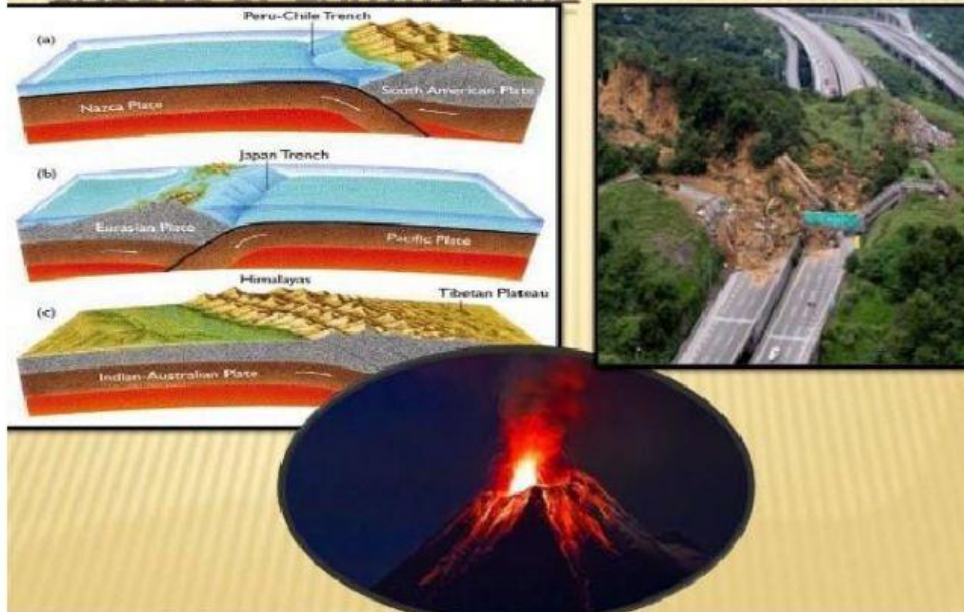


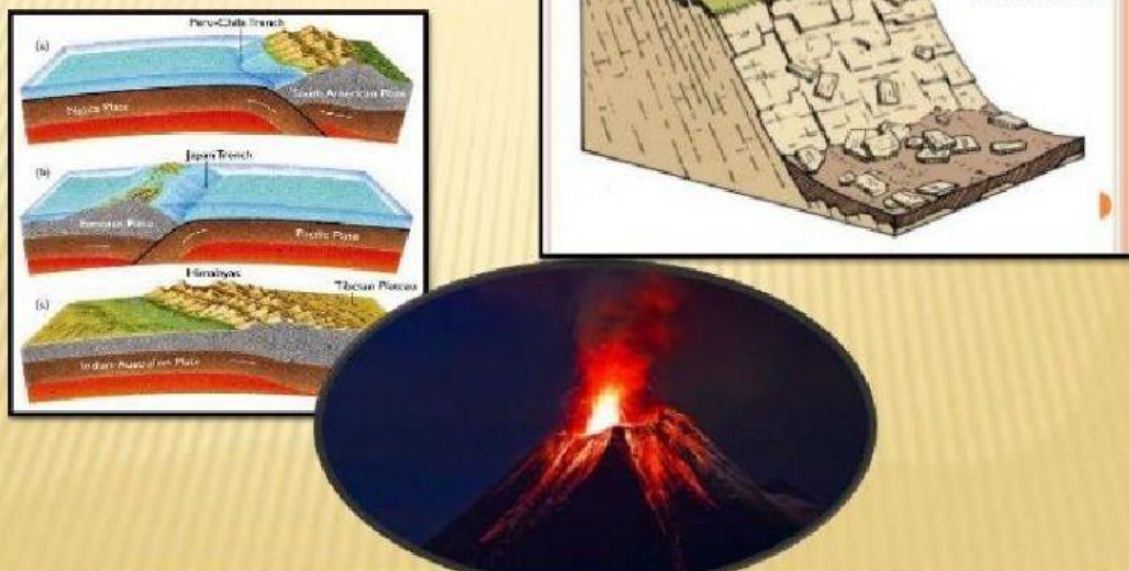
6.12 Tsunami

CAUSES OF EARTHQUAKE



FACTORS AFFECTING EARTHQUAKE

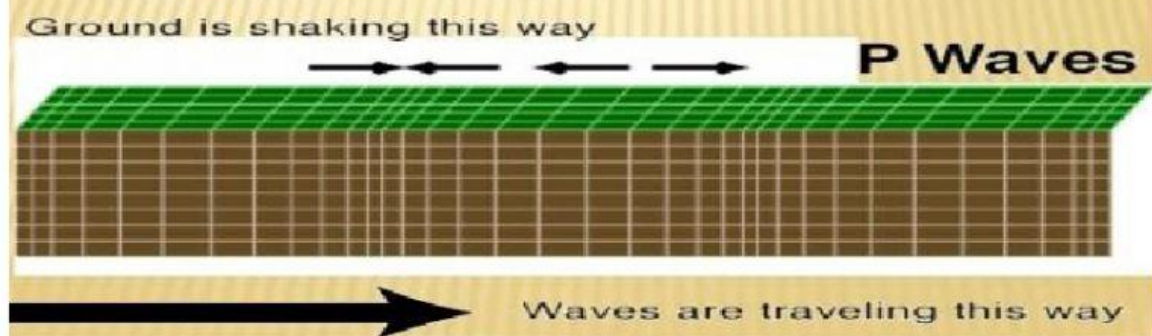
✶ INTERNAL FACTORS



TYPES OF SEISMIC WAVES

✖ P-WAVES

- + PRIMARY WAVES
- + FASTEST
- + SIMILAR TO SOUND WAVES + CAN PASS THROUGH SOLID GAS AS WELL AS LIQUID



1. Why is a wave that is so powerful and tall on land unnoticeable at sea?

2. What should you do if you are at the beach and the water suddenly is sucked offshore?

3. Describe tsunami as waves in the way they travel up a shoreline and may strike as crests or troughs.

1. What does the word tsunami mean in Japanese?

2. Why has Japan had so many tsunamis?

3. What causes a tsunami?

4. How fast do the waves travel?

5. What happens to the tsunami as it reaches the continental shelf?

6. How do tsunamis differ from regular waves?

7. What was the deadliest tsunami ever recorded? How many people died?

8. What does the Pacific Tsunami Warning Centre do?

9.