



KALPAVRUKSHA MODEL SCHOOL

Answers of Assignments-5

Class: VIII

Sub: Physics

Date: 23.07.2021

Topic: Some natural phenomena

I. Answers:

1. Write a brief description of how an earthquake occurs.

ANS: When sufficient pressure has been built up between the two crust plates, the entangled rocks of the two crust plates break open suddenly with a big jolt. When the entangled rocks of the two crust plates break open suddenly with a big jolt, the earthquake occurs releasing a tremendous amount of energy.

2. How can you protect yourself during an earthquake?

ANS: a) Dropdown onto your hands and knees (before the earthquakes knock you down)

b) Cover your head and neck (and your entire body if possible) under a sturdy table or desk.

c) Hold onto your shelter (or to your head and neck) until the shaking stops.

3. Mention some precautions that should take to minimize the damage caused by an earthquake.

ANS: Here are some easy steps to help prevent earthquake damage.

i. Secure your belongings.

ii. Put latches on cabinet doors and file cabinets.

iii. Fasten your water heater and other appliances.

iv. Store hazardous materials in a sturdy place.

v. Keep fire extinguishers.

4. List out the earthquake hazards.

ANS: Earthquake Hazards

i. Ground Shaking. If an earthquake generates a large enough shaking intensity, structures like buildings, bridges and dams can be severely damaged, and cliffs and sloping ground destabilized. ...

ii. Tsunami.

iii. Landslides and Rock falls.

iv. Subsidence and Lateral Spreading.

v. Liquefaction.

