

Short Answer Questions

Q.1. How do earth movements cause changes on the earth's crust?

Ans. (i) The movements of lithospheric plates cause changes on the surface of the earth.

(ii) The earth movements are divided on the basis of forces which cause them.

(iii) The forces which act on the interior of the earth are called endogenic force.

(iv) The forces that work on the surface of the earth are called exogenic forces.

Q.2. Examine the movements of earthquake.

Ans. (i) When lithosphere plates move, the surface of the earth vibrates. This vibration is called earthquake.

(ii) The place in the crust where the movement starts is called the focus.

(iii) Vibration travels outside towards epicentre as waves.

(vi) The place on the surface above the focus is called the epicentre.

(v) The strength of earthquake decreases away from the centre.

Q.3. Examine the preparedness required during an earthquake.

Ans. During earthquake we should take the following measures:

- **Safe spot:** We should take shelter under a kitchen counter, table or desk, against an inside corner or wall.
- **Stay away from:** Fire places, areas around chimney and windows that it may include mirrors and picture frames.
- **Be prepared:** Spread awareness, amongst your friends and family members to face any disasters confidently.

Q.4. How is the landscape worn away?

Ans. The landscapes are being continuously worn away by two processes:

- **Weathering:** It is the breaking up of the rocks on the earth's surface.
- **Erosion:** It is the wearing away of the landscape by different agents like water, wind and ice.

Q.5. Examine the work of ice.

Ans. (i) Glaciers are rivers of ice which too erode the landscape by bulldozing soil and stones to expose the solid rocks below.

(ii) They carve out deep hollows.

(iii) As the ice melts, they get filled up with water to form beautiful lakes in the mountains.

(iv) The material carried by the glaciers like big and small rocks, sand and silt gets deposited.

(v) These deposits form glacial moraines.