

Exercises

1. Answer the following questions.

(i) Why do the plates move?

Answer

The plates move because of the movement of the molten magma inside the earth.

(ii) What are exogenic and endogenic forces?

Answer

The forces that work on the surface of the earth are called as exogenic forces.

The forces which act in the interior of the earth are called as endogenic forces.

(iii) What is erosion?

Answer

The wearing away of the landscape by different agents like water, wind and ice is called erosion.

(iv) How are flood plains formed?

Answer

When river overflows its banks, it flood off its neighbouring areas which deposits layers of fine soil and other material called sediments along its banks. This leads to the formation of a flat fertile floodplain.

(v) What are sand dunes?

Answer

The low hill like structures formed due to deposition of sand at one place by the wind in the desert is called sand dunes.

(vi) How are beaches formed?

Answer

The sea waves deposit sediments along the shores which leads to the formation of beaches.

(vii) What are ox bow lakes?

Answer

Due to continuous erosion and deposition along the sides of the meander, the ends of the meander loop come closer and closer which in some time cuts off from the river and forms a cut-off lake, called an ox-bow lake.

Solution 2

(a) The movement of earth around the sun

- (i) Rotation
- (ii) Revolution ✓
- (iii) Inclination

(b) Direct rays of the sun fall on the equator

- (i) 21st March ✓
- (ii) 21st June
- (iii) 22nd December

(c) Christmas is celebrated in summer in

- (i) Japan
- (ii) India
- (iii) Australia ✓

(d) Cycle of the seasons is caused due to

- (i) Rotation
- (ii) Revolution ✓
- (iii) Gravitation



- (ii) Revolution ✓
- (iii) Gravitation

Solution 3

(a) A leap year has 366 number of days.

(b) The daily motion of the earth is rotational.

(c) The earth travels around the sun in an elliptical orbit.

(d) The sun's rays fall vertically on the Tropic of Cancer on 21st June.

(e) Days are shorter during winter season.