

# The changing face of Earth

## Home assignment

Q1) Define lithospheric plates.

Ans) According to the 'Theory of plate tectonics', the lithosphere is broken up into a number of pieces called lithospheric plates.

Q2) What are the two main kinds of forces that act on the earth?

Ans) The two main kinds of forces that act on the earth are endogenous force and exogenous force.

Q3) What is the basis on which the movement of the earth is divided into two categories?

Ans) The ~~earth~~ movement of earth is divided into two categories on the basis of the force which cause them.

Q4) Define weathering.

Ans) Weathering is the breaking up of the rock material on the surface of the earth due to exposure to the atmosphere.

Q5) What are the agents responsible for erosion?

Ans) The agents responsible for erosion are :-  
→ rivers (lakes, pond)  
→ waves  
→ wind  
→ glaciers.

Q6) Write briefly about earth movements.

Ans) There are two types of movements done by the Earth, They are Rotation and Revolution.

Rotation:-

The first primary motion of the earth is rotation. The earth rotates in a counterclockwise pattern, spinning on its axis once every 24 hours. The earth wobbles as it rotates, similar to a spinning top because the rotation of the earth is tilted at approximately 23.5 degrees. The tilt of earth, as it rotates, creates different gravitational forces at the north and south poles.

## Revolution

As the earth rotates on its axis, it also revolves in orbit around the sun. It takes exactly 365 days for Earth to make one full trip around the sun. - The Earth follows a circular path as it travels around the sun in a counterclockwise pattern. The path that the earth travels is therefore referred to as the plane of the elliptical.