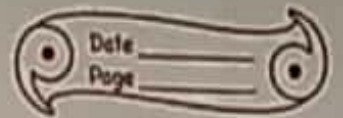


CW
13/04/21



- Lithospheric plates - The lithosphere is broken into a number of plates known as lithospheric plates.
- This is because of the movement of the molten magma inside the earth.
- The movement of these plates causes changes on the surfaces of earth.
- The earth movements are divided based on the forces that cause them.
Endogenic forces: The forces which act on the interior of the earth.
- Endogenic force sometimes produce abrupt movements due to which earthquakes and volcanoes occur and cause mass destruction over the surface of the earth and at the other times to produce slow movements.
- Exogenic forces: The exogenic forces work on the surface of the earth.
- (Endogenic force) formation of cells -
The heat from the core set off disturbances called convection cells in the mantle.
These convection cells are formed by using current of heated magma. On reaching the top, the magma cools, becomes heavy and sinks, only to get heated and

waive once more. These rising currents of heated magma cause the tectonic plate heating on the atmosphere to move around in these direction :-

- Convergent - Plates moving towards each other.
- Divergent - Plates moving away from each other.
- Transform - Plates moving parallel in motion.
- * There are different kinds of mountains -
Fold mountains, Fault - block.

Fold mountains are formed when two plates collide head on, and their edges crumbled, much the same way as a piece of paper is folded. Ex - Himalayan mountains in Asia the Alps in Europe.

- Fault mountains - These mountains form when faults or cracks in the earth's crust force some materials or blocks of rock up and others down. Ex - the Sierra Nevada mountains in North America.

Home assignment



- 1) The earth's crust is broken into a number of huge parts. They are called
- a) Lithospheric plates
 - b) metamorphic plates
 - c) Sedimentary plates
 - d) none of these.
- 2) Which one of the following force originates in the interior of the earth?
- a) Exogenic forces
 - b) Endogenic forces
 - c) Both a) and b)
 - d) None of these.
- 3) Sudden movements in the earth are called
- a) earthquakes
 - b) building mountains.
 - c) focus
 - d) None of these