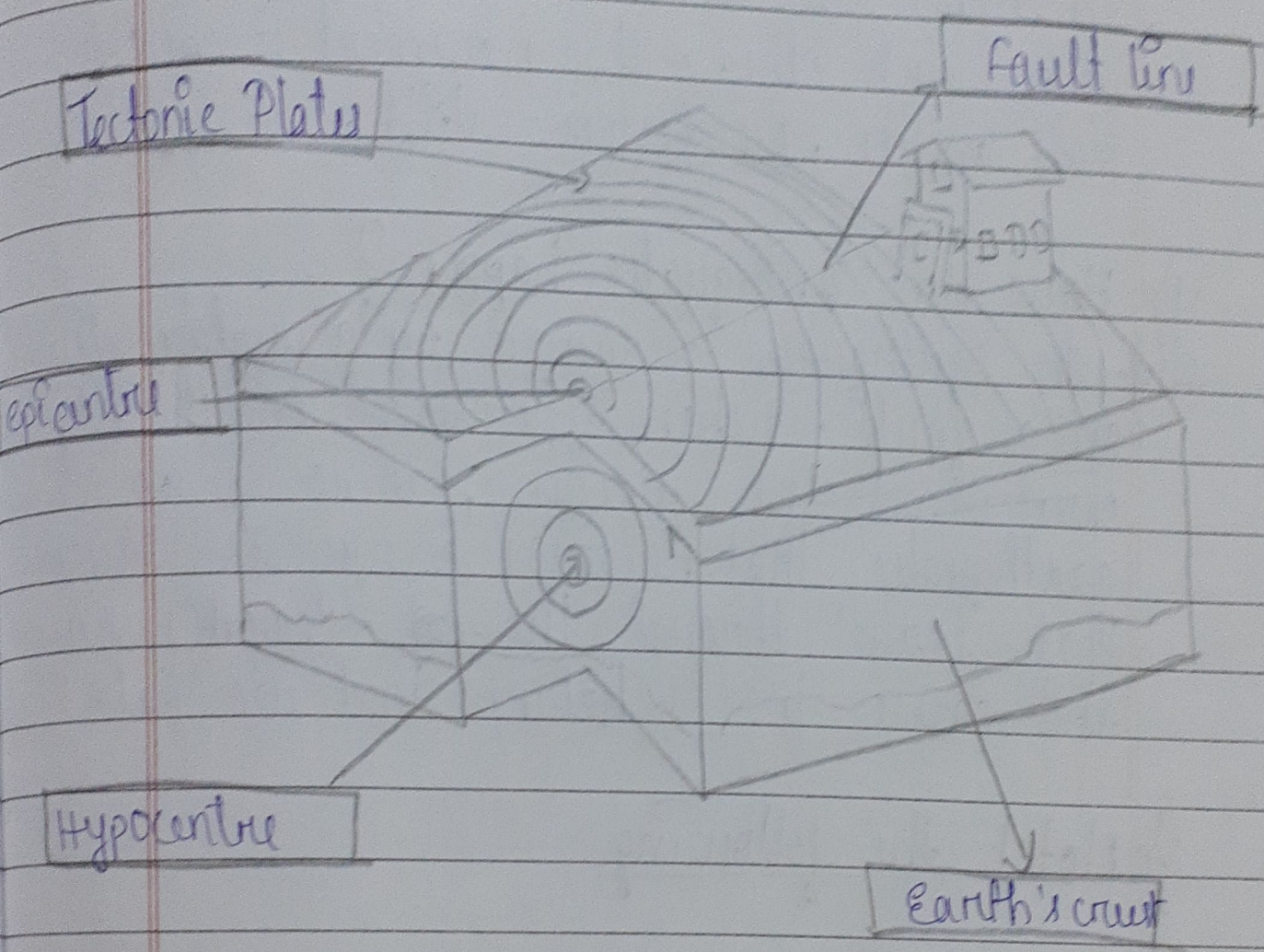


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22/7/21

The changing face of earth

Homework

1) ~~Draw~~ Label it



2) Tectonic Plates :- A tectonic plate is also called lithospheric plate. It is a massive, irregularly shaped slab of solid rock, generally composed of both continental and oceanic lithosphere. Continental crust is composed of granitic rocks which are made up of relatively lightweight minerals such as quartz and feldspar.

3) Tectonic plates movements:- The heat from radioactive processes within the planet's interior causes the plates to move, sometimes toward and sometimes away from each other. This movement is called plate motion, or tectonic shift.

4) How do earthquake happen?
 An earthquake is caused by a sudden slip on a fault. When the stress on the edge overcomes the friction, there is an earthquake that releases energy in waves that travel through the earth's crust and cause the shaking that we feel.

5) Match the following

<u>Column A</u>	<u>Column B</u>
1) Tsunami	a) The waves that make the inhabitant feel the ground motion
2) Seismograph	b) The instrument for measuring the intensity of a earthquake
3) S-waves	c) An instrument Harbour waves generated by oceanic earthquake.
4) Richter scale	d) The instrument for measuring the point on the earth surface directly above the seismic focus
5) epicentre	e) An instrument for recording the movements of earthquake moles.