

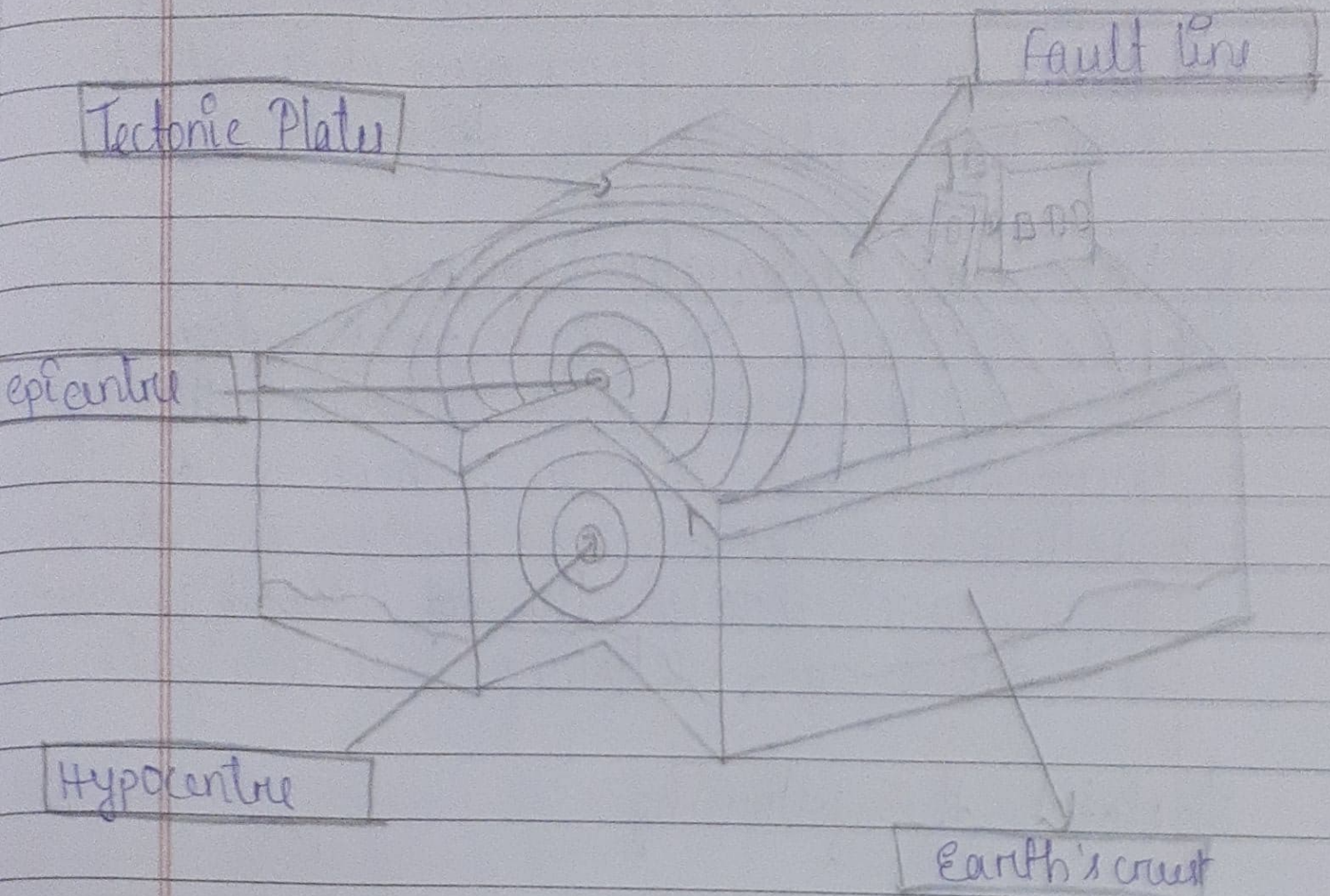
Hw
22/7/21

ch-3

The changing face of earth homework

Date _____
Page 11

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.

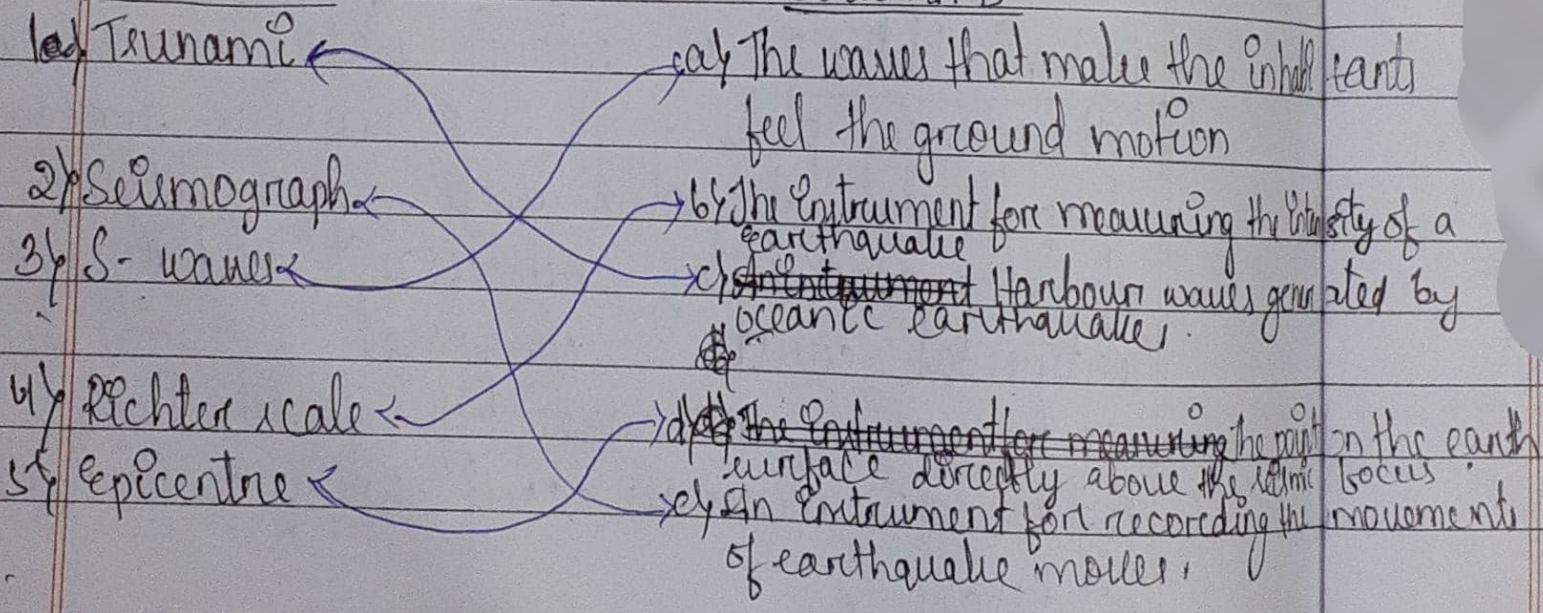
1) How do earthquake happen?

Ans. 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 ~~ed~~ earth's crust and cause the shaking that we feel.

5) Match the following -

Column A

Column B



Worksheet

MCQs

- 1) Which of the following volcano hazards is made up of rocky particles about the size of a grain of sand?
a) volcanic bombs b) volcanic dust c) volcanic ash
- 2) Which type of rock would you expect to form from magma?
 a) Igneous rock b) Sedimentary rocks c) Metamorphic rocks.
- 3) Before the lava reaches the surface, the molten material is called
a) rock b) magma c) volcanic ash
- 4) The Ring of fire refers to the volcanoes that are
a) located in Africa b) located at hot spaces
 c) located around the borders of Pacific ocean and surrounding continents.
- 5) What is the most abundant gas associated with volcanic activity?
a) chlorine b) sulfur oxide c) carbon dioxide

Q) A volcano is

- ✓ a) a mountain or hill formed around a crack in the Earth's crust
- b) a mountain with a jagged peak
- c) a mountain or hill with a flat top

Q) The hot rock that flows down the sides of the volcano is

- ✓ a) lava b) Magma c) dormant

Q) The opening created in the top of a volcano after a volcanic eruption is a

- ✓ a) crater b) chamber c) vent

Q) Volcanoes erupt because

- ✓ a) the pressure in the earth forcing the hot rock through a crack
- b) an earthquake happening nearby
- c) the earth getting overheated