

GNSC 1110L LAB PRE-TEST Questions
EXP# 9B – Movement of the Pacific Tectonic Plate

1. Objective of today's lab?

True or False:

2. The Earth's crustal plates are always moving?

3. Describe a "hot spot" and how it works to form new islands

4. Give some locations of hot-spots on the earth's surface besides the Pacific. Look it up on the Internet.

5. At the present time, how fast is the Pacific plate moving in 1 year and what is its direction?

6. Who is the scientist that noticed that some volcanoes occur in lines or rows?

7. Which of the Hawaiian Islands is the youngest?

8. True or False

The Pacific Tectonic Plate moves over a stationary Hot-Spot.

9. What is a Subduction Zone? Look up the term on the internet.