Project SLAM

POST-COURSE QUESTIONNAIRE

Your completion of this questionnaire will not affect your grade in any way.

PART I. Circle the number that best represents your feelings about each statement.

		Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
1.	I like science.	1	2	3	4	5
2.	I learn best by reading.	1	2	3	4	5
3.	Understanding how the earth works is important to me.	1	2	3	4	5
4.	I learn best through lectures.	1	2	3	4	5
5.	I feel comfortable using science process skills (measuring, observing, calculating, predicting).	1	2	3	4	5
6.	I believe science education is important for all people.	1	2	3	4	5
7.	I am very interested in geology.	1	2	3	4	5
8.	I learn best by doing hands-on activities.	1	2	3	4	5
9.	Every person should have a basic knowledge of geology.	1	2	3	4	5
10.	Reading science books is fun.	1	2	3	4	5
11.	I like working in groups.	1	2	3	4	5
12.	Some of my hobbies are related to science.	1	2	3	4	5

PART II. Circle the correct answer for each of the following questions.

13.	Seismology is the study of _____.	volcanoes	earthquakes	mountains
14.	There are _____ of earthquakes that occur each day in the world.	tens	hundreds	thousands
15.	What tool is used to detect earthquakes?	Seismograph	Seismogram	Seismometer
16.	What is the uppermost layer of the earth?	Mantle	Crust	Core
17.	Which of the following factors is NOT important when choosing a site for a seismometer?	Wind direction	Random Earth vibrations	Power
18.	_____ are fractures in the earth where earthquakes occur.	Tectonic plates	Landslides	Faults
19.	Energy from earthquakes travels through the Earth in the form of _____.	straight lines	waves	curves
20.	Earthquake waves are also known as _____ waves.	fault	energy	seismic
21.	_____waves are measured on a seismogram.	P and M	M and S	P and S
22.	_____waves travel fastest through rock inside the earth.	P	S	M
23.	The majority of earthquakes occur _____.	near volcanoes	near plate boundaries	near mountains
24.	The magnitude of an earthquake is related to _____.	the amount of seismic energy	the color of rock that breaks	seismic wave travel times
25.	Scientists figure out where an earthquake occurred by measuring _____.	seismic wave travel times	size of earthquake signal	number of cracks in a wall
26.	Some seismic waves travel like the motion of a _____.	crab	frog	snake