

Test I. Multiple Choice

Direction: Choose the letter of the correct answer.

1. Earth is the only planet to be named in English. The word "Earth" is an old English word for \_\_\_\_
  - a. Land
  - b. Soil
  - c. Island
2. The study of the size and shape of the earth is called \_\_\_\_
  - a. Geology
  - b. Geodensee
  - c. Geodesy
3. It is the transition boundary between the Earth's crust and the mantle.
  - a. Lehman
  - b. Gutenberg
  - c. Moho
4. "Ignis" is the Latin word for \_\_\_\_
  - a. Fire
  - b. Lava
  - c. Magma
5. It is a type of sedimentary rocks that is made of broken pieces of other rocks
  - a. Chemical
  - b. Clastic
  - c. Organic
6. It pertains to any movement of the solid part of the Earth and will result in deformation of Earth's crust.
  - a. Diastrophism
  - b. Earthquake
  - c. Volcanism
7. A sudden slipping or movement of a portion of the Earth's crust, followed by a series of vibrations.
  - a. Aftershock
  - b. Earthquake
  - c. Volcanism
8. What theory explains that the earth is shrinking because it is cooling due to great pressure squeezes parts of the earth into a smaller volume
  - a. Theory of isostasy
  - b. The contraction theory
  - c. Convection theory
9. \_\_\_\_ occurs when large masses of the rocks in the in the crust slide and slip against each other due to great forces coming from different directions.
  - a. Trenching
  - b. Faulting
  - c. Folding
10. A type of mountain that is found where continents have collided
  - a. Dome mountains
  - b. Fault mountain
  - c. Folded mountain
11. An unusual type of mountain that is formed when molten rock rises but does not break through the surface
  - a. Dome mountains
  - b. Fault mountains
  - c. Folded mountains
12. The world's highest mountain ridges, like the ANDES and the \_\_\_\_
  - a. Cascade Mts
  - b. Appalachian Mts
  - c. Himalayas
13. \_\_\_\_ also called composite volcanoes and formed of layers of lava and ashes
  - a. Stratovolcanoes
  - b. Acid volcanoes
  - c. Basaltic volcanoes
14. A type of volcano that is viscous and does not run very far that will create a lava dome
  - a. Basaltic volcanoes
  - b. Acid volcanoes
  - c. Stratovolcanoes
15. The following is where the volcanoes occur EXCEPT:
  - a. Subduction zones
  - b. Hot spot
  - c. Additional zones
16. \_\_\_\_ means "mountain foot"
  - a. Intermontane plateaus
  - b. Piedmont plateau
  - c. Continental plateaus
17. \_\_\_\_ means "between mountains"
  - a. Intermontane plateaus
  - b. Piedmont plateau
  - c. Continental plateaus
18. \_\_\_\_ are composed of fragments eroded from the rocks along the shore by ocean waves or carried into the sea by rivers.

- a. Coastal plains
  - b. Interior marine plains
  - c. Lake plains
19. What do you think will happen if the diameter of the earth's poles will be the same of the length to its diameter at the equator?
- a. The earth shape will be an oblate spheroid
  - b. The earth shape will be a perfect sphere
  - c. The earth shape will be flat
20. Continental crust: SIAL Layer: \_\_\_\_: FEMA Layer
- a. Oceanic crust
  - b. Mantle
  - c. NiFe Layer
21. Once a rock is formed, does it stay the same rock forever?
- a. Yes! Rock does not undergo any changes
  - b. No! Rocks are continually changed by many processes
  - c. Sometimes
22. What is the difference between a rock and mineral?
- a. Minerals are made up of one or more rocks
  - b. Rocks are made up of one or more minerals
  - c. Rocks are made up of one or more rocks
23. What is the turning point of sedimentary rocks it is heated or will undergo pressure?
- a. It will turn into igneous rocks
  - b. Nothing will happen
  - c. It will turn into metamorphic rock
24. What would happen if igneous rocks will undergo weathering and compaction?
- a. An igneous rock will become sedimentary
  - b. Igneous rocks will become metamorphic rocks
  - c. Will not change a thing
25. What do you think could happen when there are upward forces acting on the crust?
- a. There will be a widespread sinking of the crust
  - b. It can cause land masses to crumble, break and slip against each other
  - c. It can cause widespread rising of the crust
26. What do you think will happen if there is a horizontal force moving in the same direction on its landmasses?
- a. It can cause landmasses to crumple, break and slip against each other
  - b. It can cause the widespread sinking of the crust
  - c. It causes the widespread rising of the crust
27. Who do you think is the proponent of the continental drift theory?
- a. Alfred Wegener
  - b. Sir Isaac Newton
  - c. Aristotle
28. Folded Mountains: Appalachian Mts: Volcanic Mts: \_\_\_\_\_
- a. Cascade Mts
  - b. Adirondack, NY
  - c. Appalachian Mts
29. Fault-Block Mts: \_\_\_\_\_: Dome Mountains: Adirondack, NY
- a. Cascade Mts
  - b. Grand Teton, Mts
  - c. Colorado Plateau
30. What do you think is the economic importance of the plains?
- a. Excellent sites for airports
  - b. Plains can be dammed to impound water as a large reservoir
  - c. Waters of the reservoir can be used for irrigation
31. What do you think is the economic importance of plateaus?
- a. Excellent sites for airports
  - b. Plains can be dammed to impound water as a large reservoir
  - c. Plateaus produce vegetation in magnificent profusion
32. What do you think is the reason why there is a high mortality rate during the eruption of Vesuvius in 79 AD in Pompeii?
- a. Due to complacency or naiveté "nothing will happen"
  - b. The eruption lasted for 2 days
  - c. Due to infections
33. What is the difference between BASALTIC volcanoes and RHYOLITIC volcanoes?

- a. The lava rhyolitic volcanoes are viscous and does not run very far while basaltic volcanoes are less viscous
  - b. Rhyolitic volcanoes are less explosive while basaltic volcanoes are highly explosive
  - c. Basaltic volcanoes and rhyolitic volcanoes are the same
34. What would happen to a rock when it is exposed to heat and pressure?
- a. It will turn into igneous rock
  - b. It will turn into sedimentary rock
  - c. It will turn into metamorphic rock
35. What would happen to a rock when it undergoes weathering and cementation?
- a. It will turn into igneous rock
  - b. It will turn into sedimentary rock
  - c. It will turn into metamorphic rock

For Question # 36-39: determine what PHASE is it during an earthquake drill. Choose **A** if it is in phase 3/evacuation; **B** if it is in Phase 2/Response; **C** if it is in phase 5/Head count; **D** if it is in Phase 4/assembly

- 36. Once the "shaking" stops, teachers and students should evacuate
- 37. Perform "duck, cover and hold" under desks, table or chairs
- 38. Teachers should check and make sure all students accounted for
- 39. At the designated evacuation area, students must be grouped

For question # 40-45. Determine what stage is the mountain/plain/plateaus

- Choose:
- A** – if it is in young stage
  - B** – if it is in the mature stage
  - C** – if it is in old stage

- 40. The plateaus has sedimentary layers, showing a series of steps
- 41. A plains contain a river that flows slowly because the land is flat
- 42. The plains are at the damaged level and are often thickly covered with deposits of soil and silts.
- 43. Mountains are still growing
- 44. Glacial lakes in the mountains are quite common
- 45. Mountain growth has stopped, avalanches and glaciers are rare.

For question # 46-48. Determine whether the statement is true or false, choose **A** if the statement is true and **B** if the statement is false.

- 46. People live near a volcano because of its Aesthetic Beauty
  - 47. One of the causes of death in Pompeii in 79 AD was due to drowning
  - 48. Lahars occur on large volcanoes covered with snow and ice or wet mud/soil
- 49-50. Draw and label the structure of the earth.