QUIZ FOR SESSION 3: ROCKS

INTRODUCTION TO EARTH SCIENCE

**Choose the BEST answers**

1. What are the 3 components of magma?
2. Air, water, energy
3. Solid, liquid, gas
4. Hot, medium, cold
5. Silica, non-silica, pre-silica
6. Magnetic, sub-magnetic, non-magnetic
7. Silica content is a measure of rock composition. If a rock is 50% silica and has mainly dark minerals, it is
8. Granite
9. Diorite
10. Gabbro
11. Glassy texture is common in
12. Obsidian
13. Rhyolite
14. Basalt
15. Granite
16. Diorite
17. Porphyritic texture means
18. One large and one small size crystals
19. One small and one large size crystals
20. Two distinctly different crystal sizes
21. Made from quartz and feldspar
22. Made for hornblende and olivine
23. According to Bowen’s Reaction Series, Olivine crysallizes \_\_\_\_\_\_\_ biotite
24. Before
25. After
26. At the same time
27. Sediments are transported by
28. Rivers
29. Glaciers
30. Ice
31. Wind
32. All of the above
33. What detrital sedimentary rock has particles over 256 mm?
34. Shale
35. Sandstone
36. Siltsone
37. Conglomerate
38. Fossils are found in
39. Rhyolite
40. Basalt
41. Shale
42. Slate
43. Schist
44. When subject to metamorphism, granite becomes
45. Slate
46. Schist
47. Gneiss
48. Porphyoblasts
49. Lampophyre
50. The following factors influence the development of metamorphic rocks except
51. Confining pressure
52. Differential stress
53. Age
54. Chemical active fluids
55. Parent Rock