

Name _____

Date _____

Period _____

Rocks Quiz

Part A: (Matching) - 6 points each. Match the following definitions to the correct vocabulary word below. Write the letter answer as a capital letter in the space provided. THERE IS ONE EXTRA WORD

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|---|---------------------|
| ____ 1. Rocks formed from molten rock material | A. granitic |
| ____ 2. Igneous rocks formed on or near Earth's surface. | B. rock cycle |
| ____ 3. Light-colored igneous rocks with a lower density than basaltic rocks. | C. basaltic |
| ____ 4. Dense, dark- colored igneous rocks. | D. rock |
| ____ 5. Igneous rocks formed below Earth's surface. | E. extrusive |
| ____ 6. Model that illustrates the processes that create and change rocks. | F. igneous rock |
| ____ 7. The rock that forms when magma or lava cools and hardens. | G. intrusive |
| ____ 8 . A mixture of minerals, organic matter, volcanic glass, or other materials. | H. lava |
| ____ 9. The process that forms sedimentary rocks when layers of sediments are compressed by weight. | I. Metamorphic Rock |
| ____ 10. Layered or banded texture caused by great pressure. | J. Foliated |
| ____ 11. Rocks that have changed due to heat and pressure. | K. Nonfoliated |
| | L. Compaction |

Part B: (Fill in the blank/Reading a flow chart) – **8 points each.** Examine chart below and fill in the blank with the correct answer.

12. The process in the rock cycle that causes magma to form is called

_____.

13. _____ rock forms when rocks are weathered and eroded?

14. _____ type of rock forms because of high heat and pressure without melting.

15. In order for igneous rocks to turn into sediments, they have to go through
