GLY 4310C

LAB 8 INTRUSIVE IGNEOUS ROCKS, PART 3

QUIZ (20 points)

1. \_\_\_\_\_\_ (T-F) Unlike most igneous rocks, syenite has little or no quartz. (1pt)
2. What is the major mineral found in Syenite? (1pt)
3. Match the following rocks with the occurrence (Write the respective alphabet in the blanks provided) (1 point each)
4. Peridotite

A. Hypabyssal

B. Plutonic

C. Dike

1. Kimberlite
2. Alkali Syenite
3. Ijolite
4. Carbonatite
5. Write the mineral composition for the following rock samples (2 points each)
6. Siderite Carbonate
7. Ijolite
8. Lamprophyre
9. Dunite
10. Write **one** distinguishing property to identify the following minerals under microscope (1 point each)
11. Plagioclase Feldspar
12. Hornblende
13. Olivine
14. Identify if following minerals are uniaxial or biaxial, positive or negative? (1 point each)
15. Phlogopite
16. Nepheline