GLY 4310C

LAB 10 METAMORPHIC ROCKS, PART 2

QUIZ (20 points)

1. State True/False
2. Beyond the granulite facies rocks begin to melt and become igneous. (1pt)
3. Foliated gneiss is with alternating bands of felsic and mafic layers. (1pt)
4. What is the major mineral found in following metamorphic rocks? (1pt each)
5. Biotite Gneiss
6. Eclogite
7. Hornblende Gneiss
8. Write the mineral composition for the following rock samples (2pts each)
9. Sillimanite-garnet gneiss
10. Granitoid gneiss
11. Augen gneiss
12. Hornblende Gneiss
13. Write one distinguish property to identify the following minerals under microscope (1 point each)
14. Omphacite
15. Garnet
16. Sillimanite
17. Identify if following minerals are uniaxial or biaxial, positive or negative? If biaxial mention the 2V angle? (2pts each)
18. Quartz
19. Hornblende