GLY 4310C

LAB 10 METAMORPHIC ROCKS, PART 2

QUIZ (20 points) KEY

1.

1. True
2. False

2.

1. Quartz-Feldspar matrix: 60%
2. Omphacite: 84%
3. Plagioclase feldspar: 60-65%

3.

1. Quartzo-feldspathic matrix - 30%,

Almandine-15%,

Ilmenite-10%

Sillimanite- 45%

1. Plagioclase feldspar: 27-37%

Quartz: 10%

K-spar: 40-50%

Magnetite: 10%

1. Plagioclase feldspar: 35%

Quartz: 10%

K-spar: 38%

Biotite: 25%

1. Feldspar: 60-65% (plagioclase)

Hornblende: 35-40%

4.

1. Pale green, high relief.
2. Pale pink, high relief, opaque in XPL
3. Parallel extinction

5.

1. Uniaxial (+)
2. Biiaxial (-) 2V: 52-85