

Your Name: \_\_\_\_\_

**EOSC110 Mineral Quiz**

Score \_\_\_\_

**Directions:** *Circle the letter(s) of choice that best matches your observations and testing of the unknown sample.*

**MINERAL SAMPLE 1**

- 1) Is Sample 1 a light- or dark-colored mineral? a. Light-colored b. Dark-colored
- 2) How hard is Sample 1? a. Hard mineral. b. Soft mineral.
- 3) Does Sample 1 have cleavage or no cleavage? a. Yes, cleavage b. No cleavage
- 4) What is the name of Sample 1?  
a. Gypsum; b. Muscovite; c. Quartz d. Calcite; e. Olivine; a + b. Hornblende; c + d. Feldspar

**MINERAL SAMPLE 2**

- 5) Is Sample 2 a light- or dark-colored mineral? a. Light-colored b. Dark-colored
- 6) How hard is Sample 2? a. Hard mineral. b. Soft mineral.
- 7) Does Sample 2 have cleavage or no cleavage? a. Yes, cleavage b. No cleavage
- 8) What is the name of Sample 2?  
a. Gypsum; b. Muscovite; c. Quartz d. Calcite; e. Olivine; a + b. Hornblende; c + d. Feldspar

**MINERAL SAMPLE 3**

- 9) Is Sample 3 a light- or dark-colored mineral? a. Light-colored b. Dark-colored
- 10) How hard is Sample 3? a. Hard mineral. b. Soft mineral.
- 11) Does Sample 3 have cleavage or no cleavage? a. Yes, cleavage b. No cleavage
- 12) What is the name of Sample 3?  
a. Gypsum; b. Muscovite; c. Quartz d. Calcite; e. Olivine; a + b. Hornblende; c + d. Feldspar

**MINERAL SAMPLE 4**

- 13) Is Sample 4 a light- or dark-colored mineral? a. Light-colored b. Dark-colored
- 14) How hard is Sample 4? a. Hard mineral. b. Soft mineral.
- 15) Does Sample 4 have cleavage or no cleavage? a. Yes, cleavage b. No cleavage
- 16) What is the name of Sample 4?  
a. Gypsum; b. Muscovite; c. Quartz d. Calcite; e. Olivine; a + b. Hornblende; c + d. Feldspar

**MINERAL SAMPLE 5**

- 17) Is Sample 5 a light- or dark-colored mineral? a. Light-colored b. Dark-colored
- 18) How hard is Sample 5? a. Hard mineral. b. Soft mineral.
- 19) Does Sample 5 have cleavage or no cleavage? a. Yes, cleavage b. No cleavage
- 20) What is the name of Sample 5?  
a. Gypsum; b. Muscovite; c. Quartz d. Calcite; e. Olivine; a + b. Hornblende; c + d. Feldspar

**MINERAL SAMPLE 6**

- 21) Is Sample 6 a light- or dark-colored mineral? a. Light-colored b. Dark-colored
- 22) How hard is Sample 6? a. Hard mineral. b. Soft mineral.
- 23) Does Sample 6 have cleavage or no cleavage? a. Yes, cleavage b. No cleavage
- 24) What is the name of Sample 6?  
a. Gypsum; b. Muscovite; c. Quartz d. Calcite; e. Olivine; a + b. Hornblende; c + d. Feldspar