

I. Rocks and the Rock Cycle (pgs. 85-113)

A. **Define:** *basaltic, cementation, cogeneration, compaction, extrusive, foliated, graitic, igneous, intrusive, lava, metamorphic rock, nonfoliated, rock, rock cycle, sediment, sedimentary rock, waste coal*

B. Describe the rock cycle and types of rocks

1. Differentiate between a rock and a mineral
2. Describe the rock cycle and illustrate the changes a rock may go through
3. List the 3 types of rocks

C. Describe the characteristics and origin of the 3 rock types

1. Igneous Rocks

- a) Describe the origin of igneous rocks
- b) Explain the difference between intrusive and extrusive igneous rocks
- c) Identify granitic and basaltic igneous rocks

2. Metamorphic Rocks

- a) Describe the origin of metamorphic rocks
- b) Classify metamorphic rocks as foliated or nonfoliated

3. Sedimentary Rocks

- a) Describe the origin of sedimentary rocks
- b) Classify sedimentary rocks as detrital, chemical, or organic in origin