1. Most igneous rocks form by which processes?
   A) heat and pressure
   B) melting and solidification
   C) compaction and cementation
   D) erosion and deposition

2. According to the Earth Science Reference Tables, which is the best description of the properties of basalt?
   A) fine-grained and felsic
   B) coarse-grained and felsic
   C) fine-grained and mafic
   D) coarse-grained and mafic

3. Which two igneous rocks could have the same mineral composition?
   A) pumice and scoria
   B) rhyolite and diorite
   C) peridotite and andesite
   D) gabbro and basalt

4. According to the Earth Science Reference Tables, which mineral is most abundant in gabbro?
   A) quartz
   B) potassium feldspar
   C) pyroxene
   D) mica

5. An extrusive igneous rock with a mineral composition of 35% quartz, 35% potassium feldspar, 15% plagioclase feldspar, 10% biotite, and 5% amphibole is called
   A) basaltic glass
   B) gabbro
   C) granite
   D) rhyolite

6. Which characteristic of an igneous rock would provide the most information about the environment in which the rock solidified?
   A) hardness
   B) color
   C) streak
   D) crystal size

7. Which property is common to most dark-colored igneous rocks?
   A) high density
   B) coarse-grained texture
   C) intrusive formation
   D) abundant felsic minerals