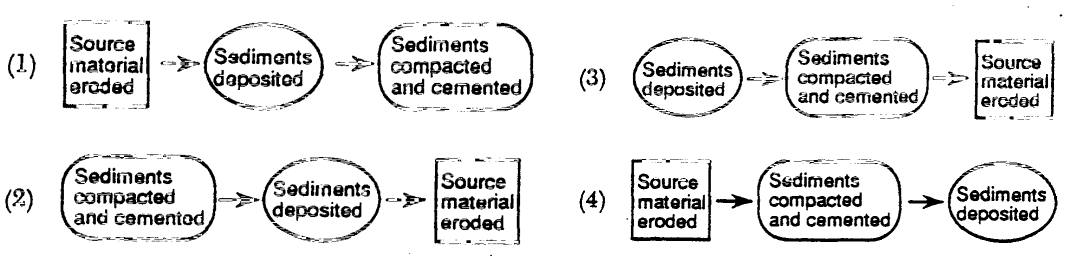
Sedimentary Rocks

1. Which sequence of events occurs in the formation of a sedimentary rock?



2. A chemically formed sedimentary rock composed of halite should be identified as
   (1) gypsum rock (3) limestone
   (2) rock salt (4) coal

3. Which rock type most likely would contain fossils?
   (1) sedimentary rock (3) metamorphic rock
   (2) intrusive igneous rock (4) extrusive igneous rock

4. Which rocks form relatively thin layers, compared to the thickness of the continent, over large areas of the continents?
   (1) granite and gabbro (3) sandstone and shale
   (2) metamorphic rocks (4) intrusive igneous rocks

5. According to the Earth Science Reference Tables, which sedimentary rock would be formed by the compaction and cementation of particles 0.7 centimeters in diameter?
   (1) shale (2) siltstone (3) sandstone (4) conglomerate

6. Large rock salt deposits in the Syracuse area indicate that the area once had
   (1) large forests (3) many terrestrial animals
   (2) a warm, shallow sea (4) a range of volcanic mountains

7. Which rock is most likely organic (biologic) in origin?
   (1) limestone (3) basalt
   (2) sandstone (4) conglomerate

8. Dolostone is classified as which type of rock?
   (1) land-derived sedimentary rock (3) chemically formed sedimentary rock
   (2) foliated metamorphic rock (4) nonfoliated metamorphic rock

9. Which rock was organically formed and sometimes contains fossilized plant impressions?
   (1) rock gypsum (3) breccia
   (2) phyllite (4) coal