**BIO-QUEST HW**

1. (3 points) Approximately how old is Earth, according to geologic dating?
2. (3 points) Approximately when did life on Earth first appear in the geologic record?
3. (3 points) What are protobionts?
4. (4 points) Name one of the energy sources thought to drive the anabolic reactions of the first molecules of life.
5. (4 points) What does anabolic and catabolic mean?
6. (6 points) What is spontaneous generation and what is biogenesis?