

SC.912.L.15.8 – Origin of Life – Example 1 Answer

One of the accepted scientific theories describing the origin of life on Earth is known as chemical evolution. According to this theory, which of the following events would need to occur first for life to evolve?

- A. onset of photosynthesis**
- B. origin of genetic material**
- C. Synthesis of organic molecules**
- D. formation of the plasma membrane**

Answer

- C. Synthesis of organic molecules

During chemical evolution, organic molecules were synthesized by individual elements. All living things are made from organic molecules, so the presence of these molecules is required for life to exist.