

1. Our discussion of the origin of life involved which four main elements that needed to be synthesized or constructed? Choose four from the options in the box. 4pts

2. Which synthesis involved washing materials up onto hot rocks? _____

3. Which synthesis was demonstrated by the Miller-Urey experiments? _____

4. It is useful for a fungus to have a mycelium made of a branching mass of hyphae because the mycelium increases the fungus' _____.

5. Please name two of the main groups of decomposers. 2pts

6. Name one advantage of giving birth to fully-developed young, rather than giving birth to eggs.

Key for #1 – 3:

- A. brain
- B. camouflage
- C. complex organic molecules
- D. genetic replication mechanism
- E. meiosis
- F. membrane
- G. movement method
- H. nervous system
- I. simple organic molecules
- J. skeleton