

## ➤ Take Notes

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### ➤ Chapter 4 Note

#### ➤ ORIGIN OF LIFE- FOUR OVERLAPPING STAGES

- - Nucleotides and amino acids produced prior to the existence of cells
- - Nucleotides and amino acids became polymerized to form DNA, RNA, and proteins
- - Polymers became enclosed in membranes
- - Polymers enclosed in membranes acquired cellular properties

#### ➤ STAGE 1: ORIGIN OF ORGANIC MOLECULES

- - Conditions on primitive Earth may have been more conducive to spontaneous formation of organic molecules
- - Prebiotic or abiotic synthesis
- - Little free oxygen gas
- - Formed prebiotic soup

## Ch14 The Orgin Of Life Continued Answers

**M Mark**



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