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| --- | --- | --- |
| At the end of this section you should be ABLE TO ….. | Y | N |
| Give a general outline of the diversity of living organisms. |  |  |
| The common features and behaviours that identify  organisms with the term “living” |  |  |
| Define the terms “metabolism” and “continuity of life” |  |  |
| Define the term “life” |  |  |
| Define and identify of the characteristics of life:  organisation, nutrition, excretion, response, and reproduction**.** |  |  |

**Definitions**

**Metabolism:** The sum of allthe chemical reactions taking place in a living organism.

**Continuity of Life:**  How living organisms arise from other living organisms.

**Life:** Anything demonstrating the characteristics of living things is said to be alive.

**Characteristics of Life:** The common features shared by living organisms**.**

**Characteristics of Life**

* **Organisation:** The ordered way in which living organisms are arranged both structurally and socially.
* **Nutrition:** The process by which an organism obtains and uses food from its environment.
* **Excretion:** The disposal of the waste products of metabolism.
* **Response:** The reactionoforganisms to stimuli in their environment.
* **Reproduction:** The production of new individuals.