

Biology:

It is a science concerned with the study of life and living organisms, including their structure, function, growth, evolution, distribution and taxonomy.

The word Biology is derived from Greek origin: (Bio) means life, and (logy) means science or study

The characteristics of living things (Organisms) :

1-Movement

2-Respiration

3- Nutrition

4-Growth and development

5-Reproduction

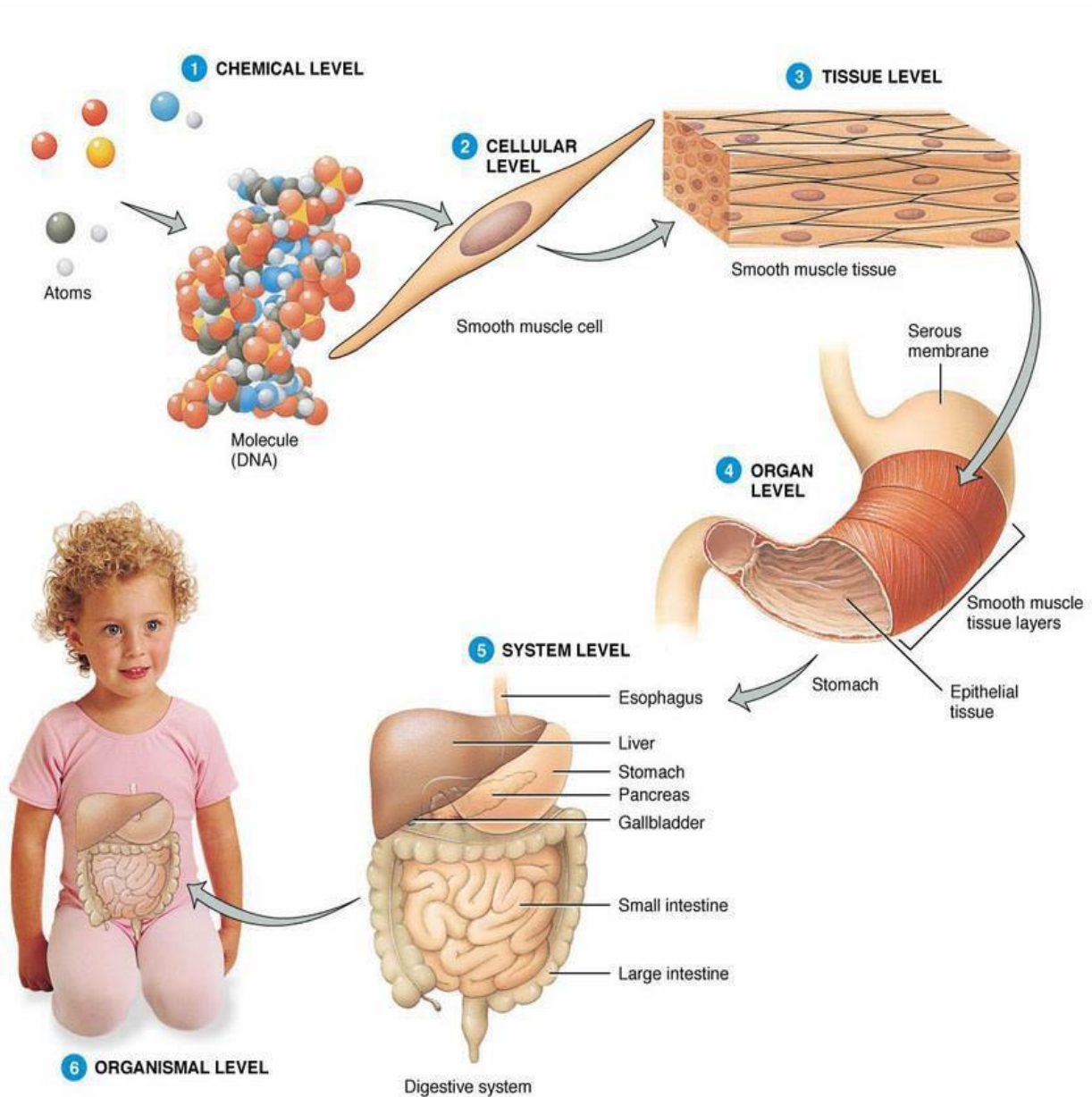
6-Adaptation

Branches of Biology:

- **Botany:** which deals with the study of plants.
- **Zoology:** which deals with the study of animals.
- **Bacteriology:** which deals with the study of the bacterium.
- **Morphology:** deals with the form and structure of organisms.
- **Cytology:** a study on the cellular level.
- **Histology:** a study on tissue level.
- **Anatomy:** the study of the internal structure of organisms.
- **Mycology:** deals with fungi.
- **Parasitology:** deals with parasites.
- **Helminthology:** deals with worms.
- **Virology:** deals with viruses.
- **Physiology:** a branch of biology that deals with functions and activities.

- **Ecology:** a branch of biology that deals with the environment of organisms.
- **Genetics:** a branch of biology that deals with genes and genetic variations in organisms.
- **Pathology:** study diseases of organisms.

(Levels of organization)



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