

Bharathidasan University

Centre for Differently Abled Persons



Diploma in Vocational Training and Management

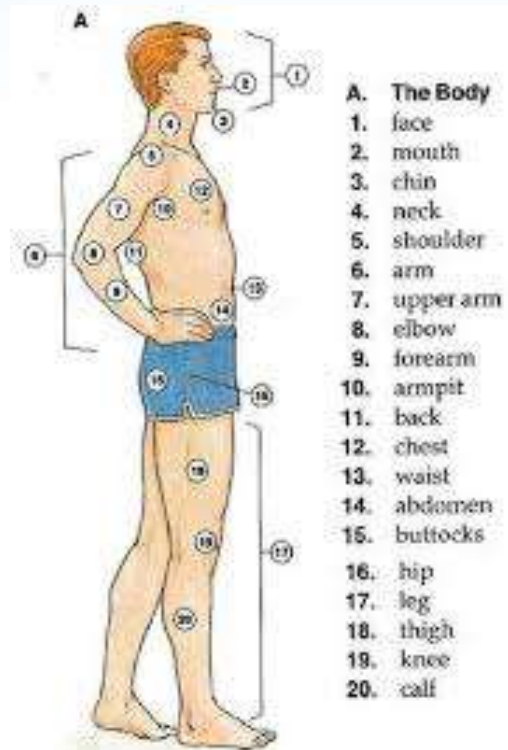
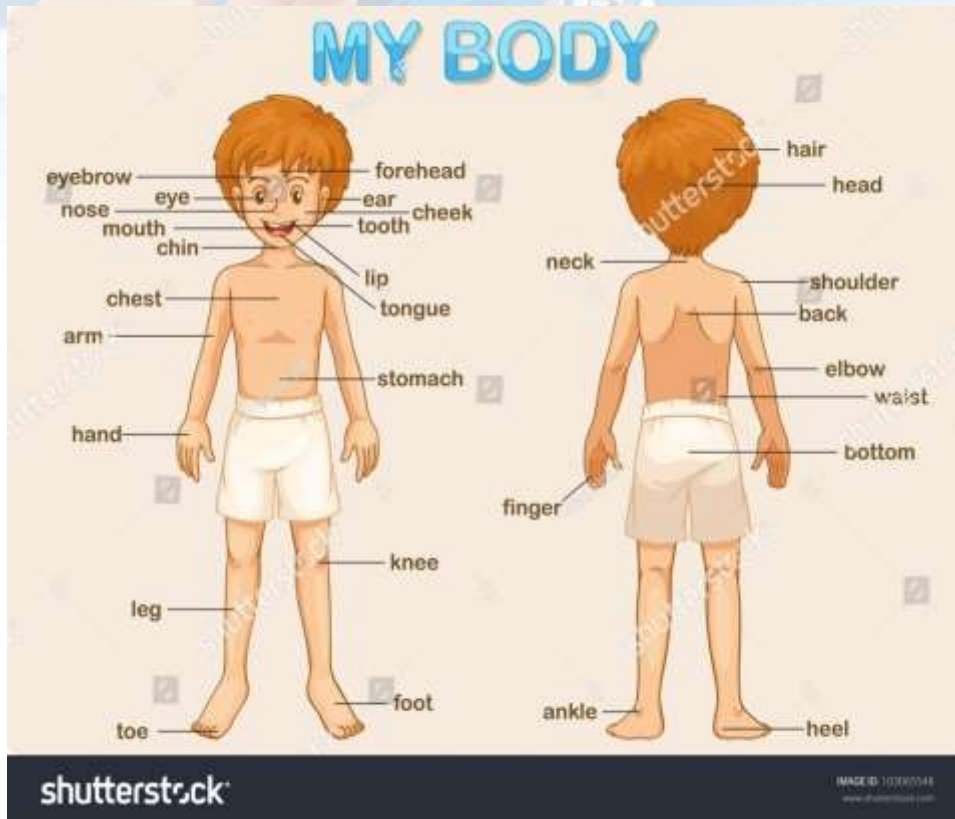
Course: Sex Education and Self
Advocacy Training

UNIT-2

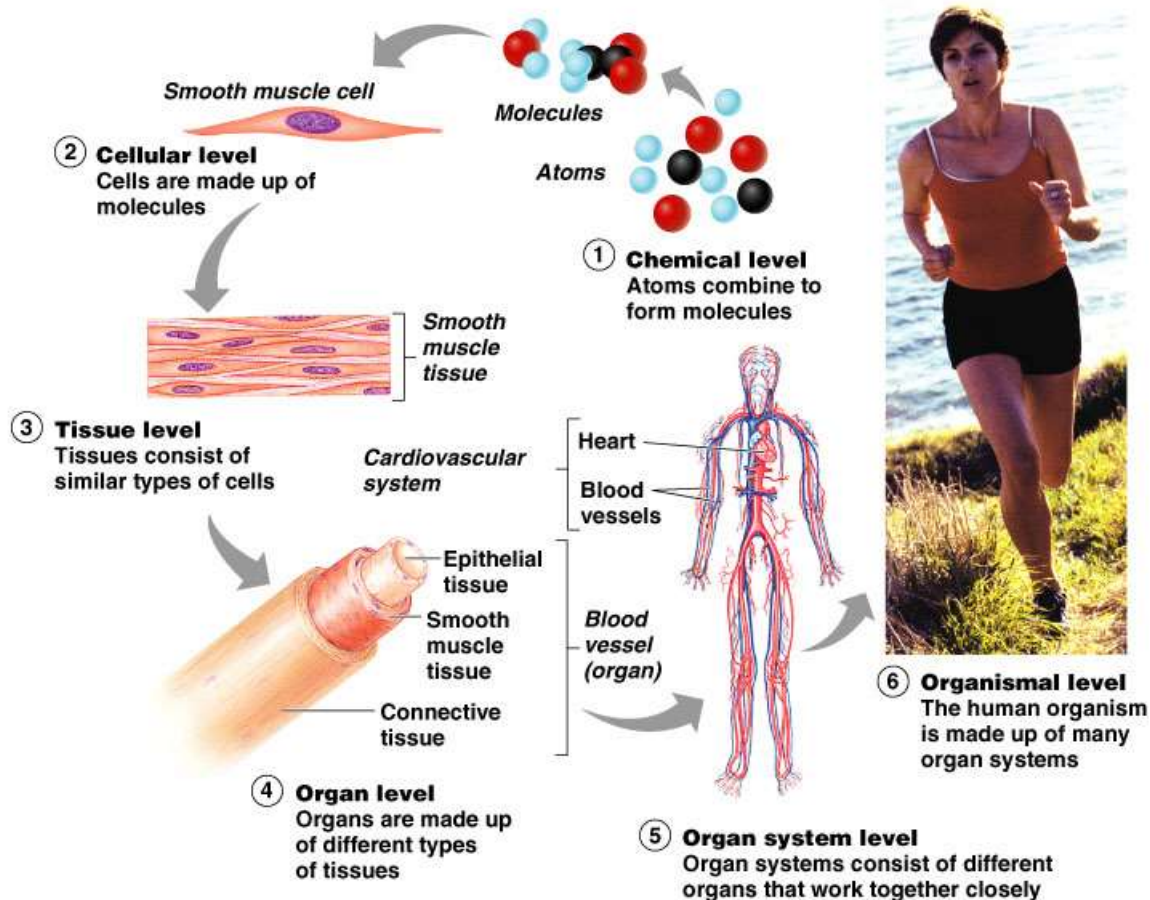
Compiled By
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Assistant Professor



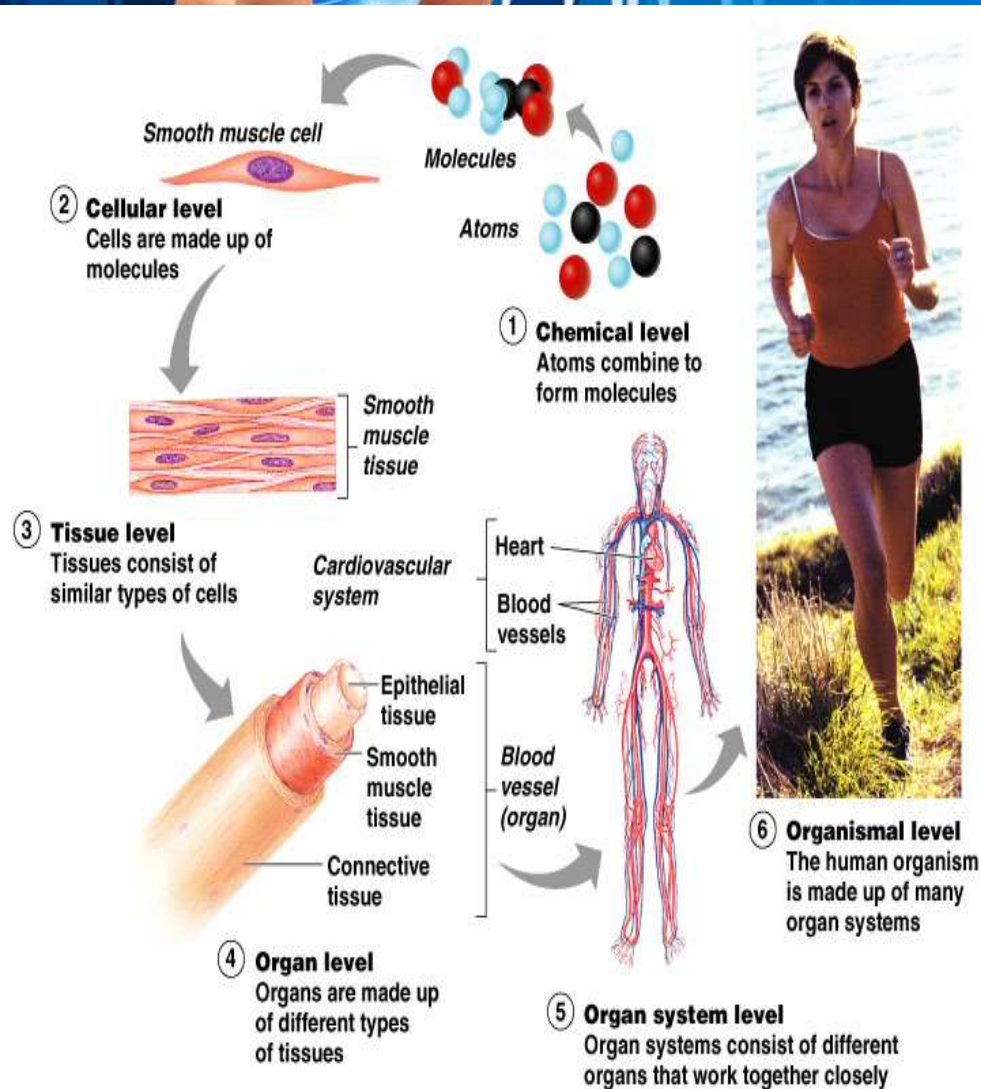
MY BODY



Levels of Structural Organization

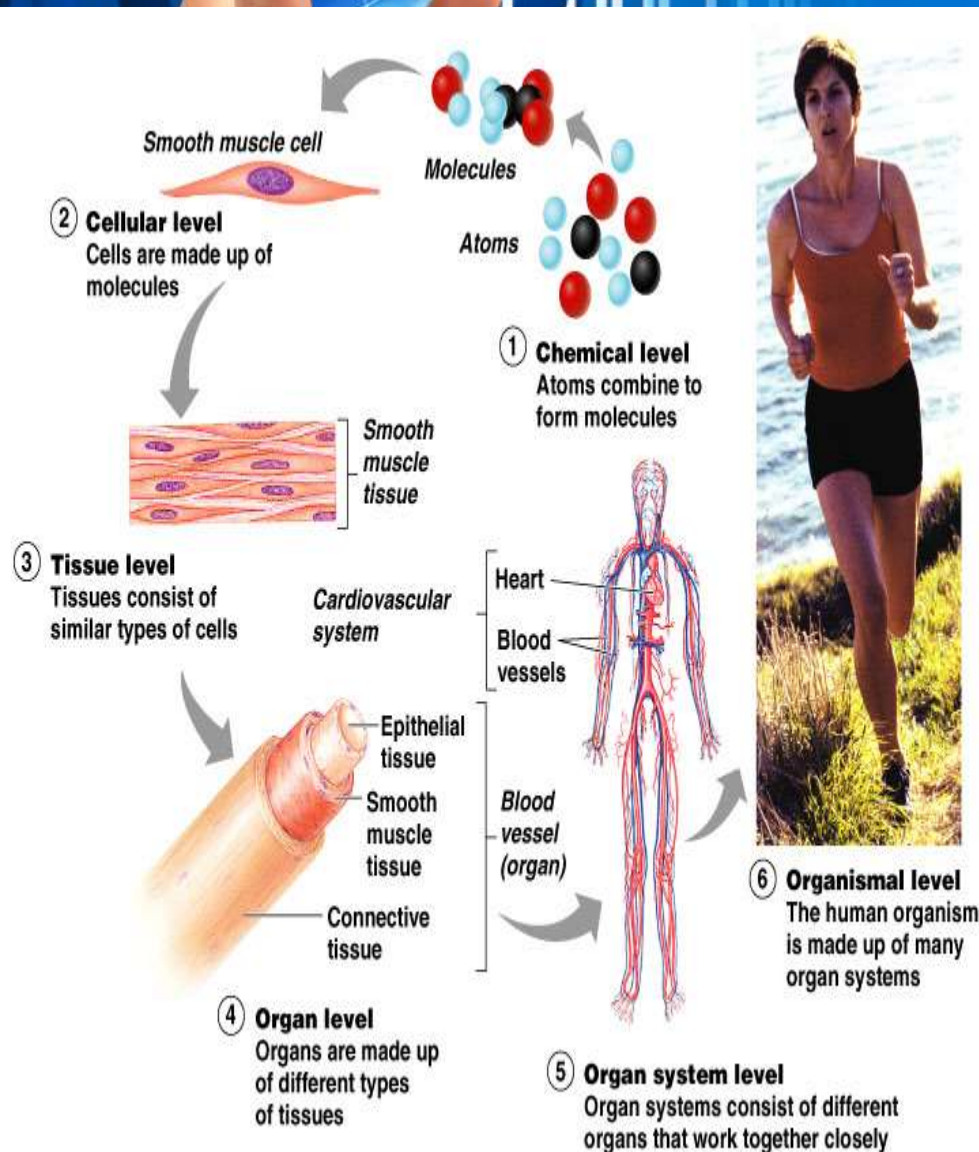


Levels of Structural Organization



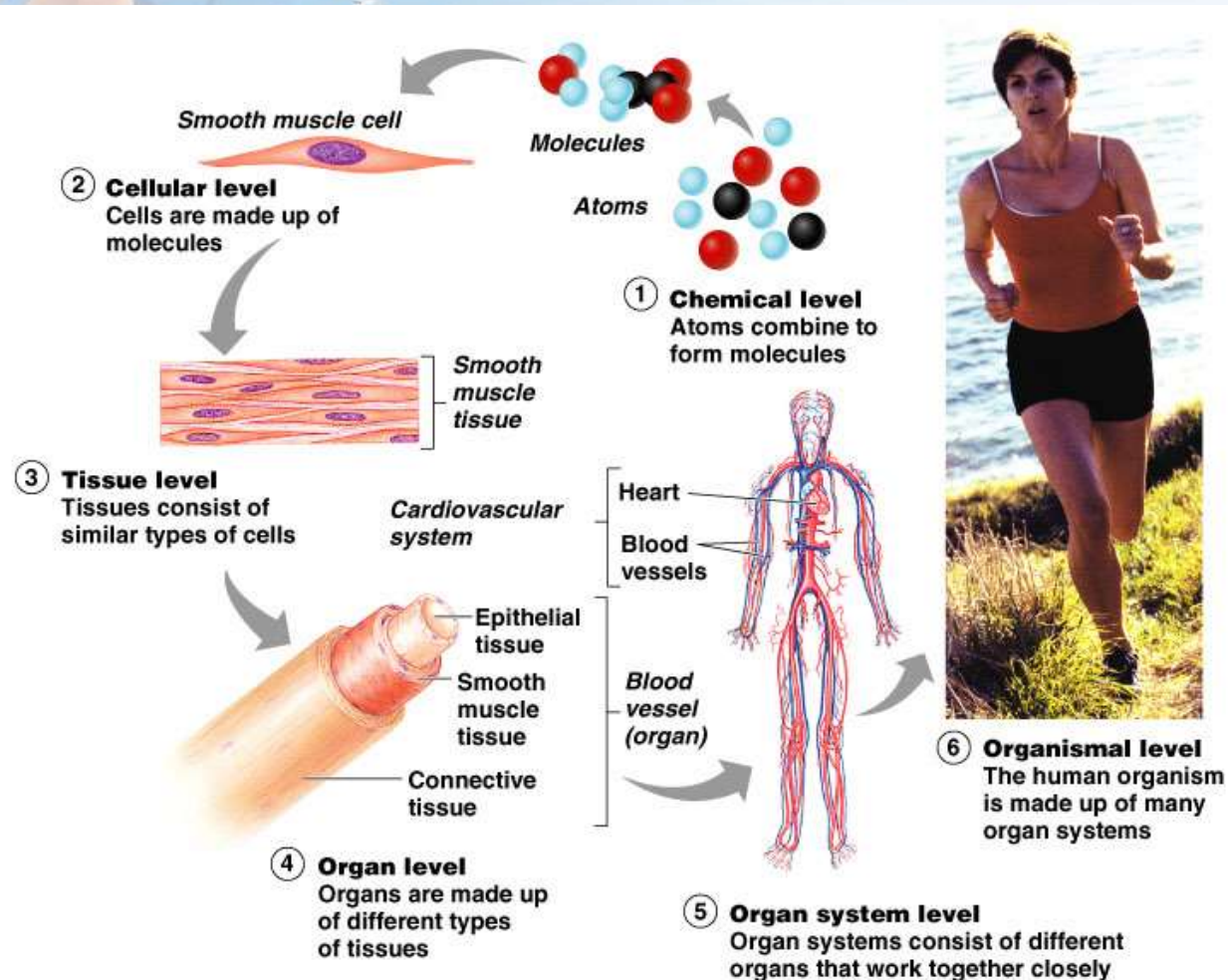
- **(2): Cellular level:** smallest unit of life, and varies widely in size and shape according to the cell's function
- **(3): Tissue level:** groups of similar cells having a common function
 - **Four basic tissue types:** each tissue type has a characteristic role in the body
 - **Epithelium:** covers the body surface and lines its cavities
 - **Muscle:** provides movement
 - **Connective:** supports and protects body organs
 - **Nervous:** provides a means of rapid internal communication by transmitting electrical impulses

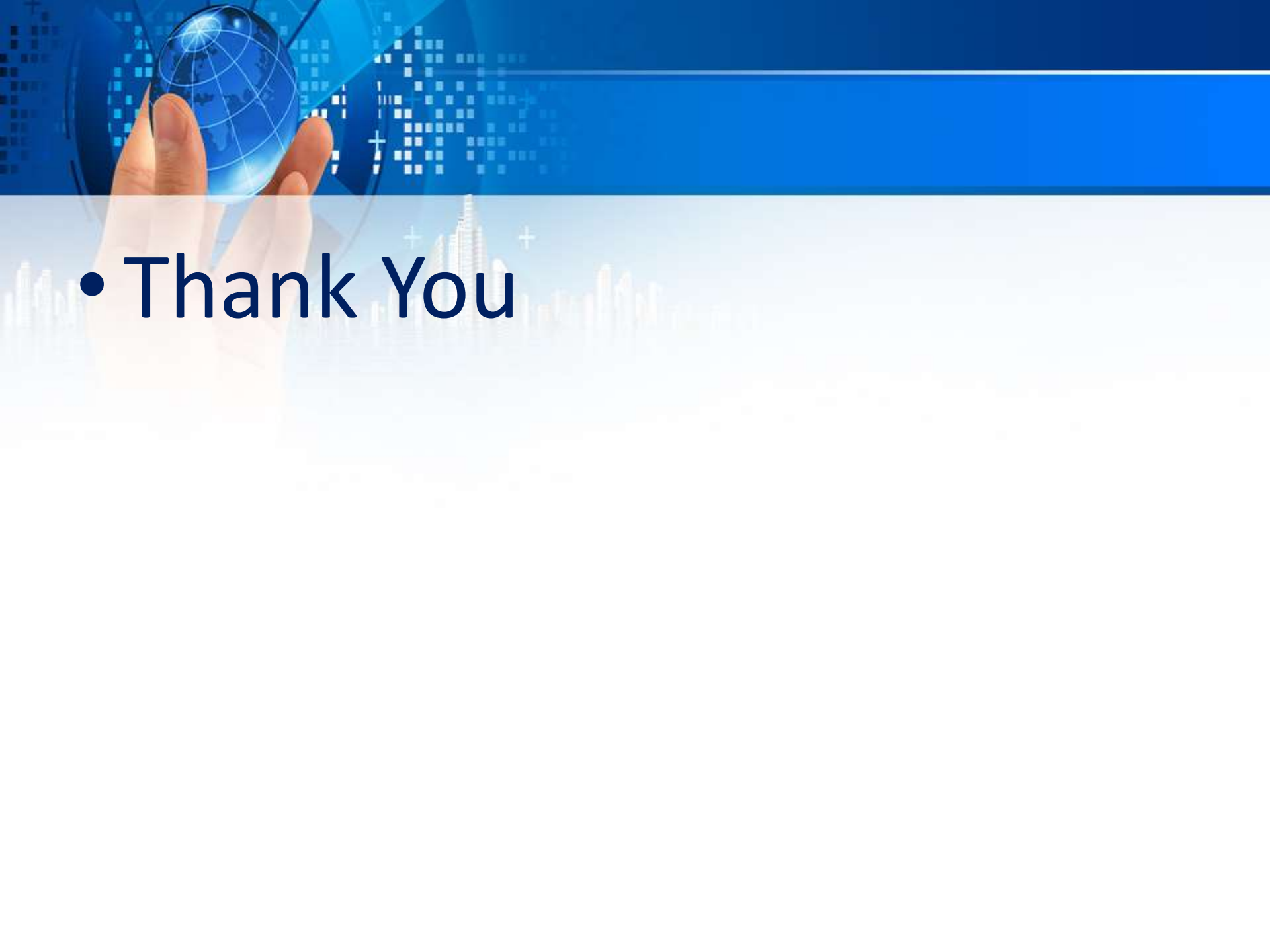
Levels of Structural Organization



- **(4):Organ level:** made up of discrete structures that are composed of a least two groups of tissues that work together to perform a specific function in the body
 - Stomach: epithelium lining, muscles, blood vessels, connective tissues, nerve fibers, etc.
- **(5):Organ system level:** a group of organs that work closely together to accomplish a specific purpose
 - Respiratory and circulatory system, digestive and circulatory systems
- **(6):Organismal level:** the total of all structures working together to promote life
 - The living human being

Levels of Structural Organization



The background of the slide is a composite image. At the top, a hand is shown holding a glowing blue globe with white grid lines. The globe has a bright light source at its top pole. Behind the globe and hand, there are faint, stylized city skylines and digital patterns consisting of small squares and plus signs. The overall color scheme is dominated by blue and white, with a gradient from dark blue at the top to light blue and white at the bottom.

- Thank You