Hierarchy of Life – Levels of Organization:

1. **Chemical Level**
   (Cover in Cell and Microbial Bio)

2. **Cellular Level**
   (Cover in Cell and Microbial Bio)

3. **Tissue Level**
   Tissues are groups of cells and other substances.
   4 basic types of tissues:
   - Epithelial
   - Connective
   - Muscular
   - Nervous

4. **Organ Level**
   Organs are groups of tissues joined together.
   Made up of 2 or more different types of tissues.
   Organ examples:
   - Heart
   - Lungs
   - Kidneys
   - Stomach
   - Brain

5. **System Level**
   Systems are related organs that have a common function.
   The 11 Systems are:
   1. Digestive
   2. Nervous
   3. Respiratory
   4. Muscular
   5. Skeletal
   6. Endocrine
   7. Integumentary
   8. Cardiovascular
   9. Lymphatic
   10. Urinary
   11. Reproductive

6. **Organismal Level**
   The living human;
   All parts of the body functioning together