

THE HUMAN BODY STUDY NOTES

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 sharing 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

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