

Cell Organization

A. Unicellular Organisms = _____-celled organisms

B. Multicellular Organisms = organisms with _____ cells of _____ types with specific _____. (ex. Blood cells, bone cells, muscle cells, nerve cells)

C. Levels of Organization:

1. **Individual cells**

2. **Tissues** – collection of _____ performing a body function

- Muscle (_____)
- _____(covering)
- Nervous (sending _____ – signaling)
- _____ (connect bones, organs – tendons, ligaments, etc)

3. _____ – group of tissues that form a structure that performs a function
Ex. A muscle is an organ that contains muscle tissue, nervous tissue and connective tissue

4. **Organ** _____ – group of organs that perform a function
Ex. Skeletal system, muscular system, vascular system, etc.

5. **Organism** – collection of _____ that form a complete organism