

KEY ANSWERS

“Living organisms” Review Activities

Activity 1: The Cellular Level

1. Cells
2. Unicellular
3. Multicellular
4. Cell membrane
5. Cytoplasm
6. Nucleus
7. Prokaryotic
8. Eukaryotic
9. Organelles
10. Genetic
11. Cell wall
12. Chloroplasts
13. Vacuoles
14. Eukaryotic
15. Microscopic

Activity 2: Human Tissues

1. Epithelial
2. Muscular
3. Nervous
4. Connective
5. Epithelial
6. Muscular
7. Connective
8. Nervous
9. Epithelial
10. Connective
11. Muscular
12. Nervous
13. Epithelial
14. Connective
15. Nervous

Activity 3: Levels of Organization & Systems

1. Cells Tissues Organs Systems
2. Tissue
3. Organ
4. System
5. Digestive

6. **Circulatory**
 7. **Respiratory**
 8. **Excretory**
 9. **Reproductive**
 10. **Stomach** (o intestinos, hígado, etc.)
 11. **Lungs** (o tráquea)
 12. **Nervous**
 13. **Leaves** (o raíces, tallo)
 14. **Organ**
 15. **Organ** (o sistema muscular si se refiere al conjunto)
-

Activity 4: Plant vs. Animal Life

1. **TRUE**
2. **TRUE**
3. **FALSE.** Animals are heterotrophs; plants produce their own food.
4. **TRUE**
5. **FALSE.** Plant cells have a large central vacuole; animal cells have small ones.
6. **FALSE.** Organs are more complex than tissues.
7. **FALSE.** Chloroplasts are only found in plant cells.
8. **FALSE.** Plants do not have a nervous system.
9. **FALSE.** Plants have different types of supportive tissues, but "connective tissue" as described is animal-specific.

10. FALSE. Cells specialize (differentiation) to perform specific jobs.

11.TRUE

12.FALSE. Plants react to the environment (tropisms) but do not have sense organs.

13.TRUE

14. TRUE

15.TRUE

Activity 5: Comparing Animal and Plant Cells

- **Common parts (Both cells):** Cell Membrane, Cytoplasm, Nucleus, Genetic Material.
- **Plant Cell only:** Cell Wall, Chloroplasts (and large Vacuole).
- **Animal Cell:** Does not have a cell wall or chloroplasts.