

Cells and Tissues – Viewing Guide

1. Who is the scientist in this video (Give her name and title; for example, biology professor, veterinarian, etc.)

- A. Dr. Larry Johnson; chemistry professor
- B. Dr. Henry Miller; chemistry professor
- C. Dr. Larry Johnson; histology professor
- D. Dr. Henry Miller; histology professor

2. What is the main topic of this scientist presentation?

- A. The different types of cells
- B. The structure and function of tissues
- C. Genetic mutations
- D. DNA and RNA

3. What is the term meaning “living substance”?

- A. Protoplasm
- B. Mitochondria
- C. Nucleus
- D. Cytoplasm

4. The smallest unit of living substance is a cell. Select true or false.

- True
- False

5. What makes up tissue?

- A. Organ Systems
- B. Organs
- C. Cells

D. Nucleus

6. What are the 4 types of tissue?

- A. Epithelium, muscle, connective, bone
- B. Epithelium, muscle, bone, nerve
- C. Muscle, connective, nerve, bone
- D. Epithelium, muscle, connective, nerve

7. Examples of the types of tissues include skin, heart (cardiac), fat, and nerves. Select true or false.

True

False

8. What are the three types of cells seen in the eye?

- A. Epithelial, connective, muscle
- B. Epithelial, connective, nerve
- C. Epithelial, nerve, bone
- D. Connective, nerve, muscle

9. What type of tissue helps the trachea contract?

- A. Skeletal muscle
- B. Connective tissue
- C. Smooth muscle
- D. Nerve

10. What type of tissue makes up bone?

- A. Muscle
- B. Epithelial
- C. Nerve
- D. Connective