Connective and Nervous Tissue Basics

Biology · Practice Test · 10 Questions

1. What type of tissue is described as elaborate and connective?

A) Epithelial tissue
B) Muscle tissue
C) Connective tissue
D) Nervous tissue

2. Which of the following is a primary function of nervous tissue?

A) Support and binding
B) Movement
C) Communication and control
D) Storage of energy

3. Elaborate connective tissue typically has a rich supply of what component?

A) Cells
B) Extracellular matrix
C) Nerve fibers
D) Blood vessels

4. Nervous tissue is primarily composed of which two main cell types?

A) Osteocytes and chondrocytes
B) Neurons and glial cells
C) Fibroblasts and adipocytes
D) Erythrocytes and leukocytes

5. What is the main role of neurons within nervous tissue?

A) Providing structural support
B) Transmitting electrical and chemical signals
C) Producing antibodies
D) Regulating blood flow

6. Which of these is a characteristic of elaborate connective tissue?

A) Being avascular
B) Having a high cell-to-matrix ratio
C) Providing structural support and connecting other tissues
D) Being tightly packed with little extracellular space

7. Glial cells are a component of which tissue type?

A) Connective tissue
B) Epithelial tissue
C) Muscle tissue
D) Nervous tissue

8. What is a key feature of the extracellular matrix in connective tissue?

A) It is always liquid
B) It provides mechanical support and binds cells
C) It contains only nerve endings
D) It is primarily composed of muscle fibers

9. Nervous tissue is essential for which bodily functions?

A) Digestion and absorption
B) Growth and repair
C) Sensation, thought, and movement
D) Waste removal

10. Elaborate connective tissue can be found in various forms, such as:

A) The lining of organs
B) The bulk of muscles
C) Tendons and cartilage
D) The surface of the skin