

Tissus Conjunctifs: Structure & Function

Histology · Answer Key · 10 Questions

1. What are the two main components of connective tissues?

- A) Cells and Extracellular Matrix**
- B) Epithelium and Muscle
- C) Nerves and Blood Vessels
- D) Organs and Systems

2. Which of the following is NOT a function of connective tissues?

- A) Support and linking of tissues
- B) Nutrient exchange with tissues
- C) Protection and defense
- D) Contraction and movement**

3. What determines the classification of different types of connective tissue?

- A) Predominance of cells, fibers, and ground substance**
- B) Color of the tissue
- C) Size of the cells
- D) Presence of blood vessels

4. What embryonic origin do all connective tissues share?

- A) Mesenchyme**
- B) Ectoderm
- C) Endoderm
- D) Neural Crest

5. Which cell type is responsible for synthesizing collagen fibers in connective tissue?

- A) Fibroblasts**
- B) Macrophages
- C) Plasma cells
- D) Adipocytes

6. What are the two main types of fibers found in the extracellular matrix of connective tissue?

- A) Collagen and Elastic fibers**
- B) Muscle and Nerve fibers
- C) Epithelial and Connective fibers
- D) Bone and Cartilage fibers

7. Which of the following is a fixed cell found in connective tissue?

- A) Fibroblast**
- B) Lymphocyte
- C) Neutrophil
- D) Eosinophil

8. What is the function of plasmocytes in connective tissue?

- A) Antibody production**
- B) Phagocytosis of microbes
- C) Synthesis of collagen
- D) Storage of fat

9. Which component of the extracellular matrix acts as a barrier and reservoir for water and substances?

- A) Ground substance**
- B) Collagen fibers
- C) Elastic fibers
- D) Reticular fibers

10. What is the main function of mast cells?

- A) Involved in hypersensitivity reactions**
- B) Producing collagen fibers
- C) Transporting nutrients
- D) Fighting viral infections