

# Introduction to Tissues

Biology · Practice Test · 20 Questions

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## 1. What is a tissue composed of?

- A) Individual cells
- B) Groups of cells with similar origins and functions
- C) Organs
- D) Organ systems

## 2. What is the primary function of a tissue?

- A) To form organs
- B) To perform a specific or particular function
- C) To transport substances
- D) To provide structural support

## 3. Which of the following is given as an example of a tissue?

- A) Bone Marrow
- B) Erythrocyte
- C) Blood
- D) Artery

## 4. What does RBC stand for in the context of blood?

- A) Red Blood Cell
- B) Ribonucleic Acid
- C) Respiratory Cell
- D) Resting Blood Cell

## 5. What is a characteristic shape of an erythrocyte?

- A) Spherical
- B) Biconcave
- C) Rod-shaped
- D) Irregular

## 6. Are mature erythrocytes nucleated?

- A) Yes
- B) No
- C) Sometimes
- D) Only in certain animals

**7. What is another name for a white blood cell?**

- A) Erythrocyte
- B) Monocyte
- C) Thrombocyte
- D) Leukocyte

**8. What is the primary role of WBCs mentioned in the text?**

- A) Transporting oxygen
- B) Blood coagulation
- C) Providing immunity
- D) Forming bone

**9. What is a thrombocyte primarily involved in?**

- A) Oxygen transport
- B) Immunity
- C) Blood coagulation
- D) Nutrient absorption

**10. Where are blood cells produced?**

- A) Liver
- B) Spleen
- C) Bone Marrow
- D) Lymph Nodes

**11. Which type of tissue is characterized by its ability to contract?**

- A) Epithelial tissue
- B) Connective tissue
- C) Muscular tissue
- D) Nervous tissue

**12. Which tissue type is responsible for transmitting nerve impulses?**

- A) Epithelial tissue
- B) Connective tissue
- C) Muscular tissue
- D) Nervous tissue

**13. What is the main function of epithelial tissue?**

- A) Movement
- B) Protection and secretion
- C) Support
- D) Conduction of impulses

**14. What is the function of connective tissue?**

- A) Contraction
- B) Information transmission
- C) Support, binding, and transport
- D) Protection

**15. What are the four main types of animal tissues listed?**

- A) Epithelial, Connective, Muscular, Nervous
- B) Blood, Bone, Muscle, Nerve
- C) Dermal, Vascular, Ground, Meristematic
- D) Red, White, Platelets, Plasma

**16. What is the origin of cells that form a tissue?**

- A) Different origins
- B) Similar origins
- C) Only from the brain
- D) Only from the heart

**17. What is the function of blood mentioned in the text?**

- A) Providing immunity
- B) Transporting oxygen and nutrients
- C) Blood coagulation
- D) Forming bone

**18. What is the approximate lifespan of RBCs mentioned?**

- A) 7-10 days
- B) 13-20 days
- C) 30-40 days
- D) 1-2 days

**19. What is the shape of platelets?**

- A) Biconcave disc
- B) Spherical
- C) Oval
- D) Irregular

**20. Which of the following is NOT a type of animal tissue listed?**

- A) Muscular tissue
- B) Nervous tissue
- C) Epidermal tissue
- D) Connective tissue