

Name \_\_\_\_\_

## The Allergy Puzzle: Understanding Allergic Reactions

### Multiple Choice Questions

1. What triggers the production of IgE antibodies in allergic reactions?
  - A) Harmful substances
  - B) Healthy foods
  - C) Medications
  - D) Allergens
  
2. What role do mast cells and basophils play in allergic reactions?
  - A) They produce histamine
  - B) They release IgE antibodies
  - C) They trigger the inflammatory response
  - D) They help fight infections
  
3. What is the purpose of histamine in allergic reactions?
  - A) To decrease blood flow
  - B) To prevent fluid leakage
  - C) To cause blood vessels to dilate
  - D) To reduce inflammation
  
4. What factors may contribute to the development of allergies?
  - A) Genetic and environmental factors
  - B) Only genetic factors
  - C) Only environmental factors
  - D) Lifestyle factors
  
5. Why are allergic reactions considered to be an important defense mechanism?
  - A) They cause discomfort
  - B) They help expel potential threats from the body
  - C) They weaken the immune system
  - D) They have no purpose

