

Name \_\_\_\_\_

## The Allergy Puzzle: Understanding Allergic Reactions

### Short Answer Key

1. IgE antibodies bind to allergens and trigger the release of inflammatory substances from immune cells.
2. Histamine causes blood vessels to dilate, leading to increased blood flow and fluid leakage into surrounding tissues.
3. Genetic and environmental factors such as family history, exposure to allergens, and living conditions may influence the development of allergies.
4. Allergic reactions can significantly impact an individual's quality of life by causing discomfort, interfering with daily activities, and potentially leading to more serious health complications.
5. Common symptoms of allergies include sneezing, itching, swelling, runny nose, and watery eyes.

