

Name \_\_\_\_\_

## Decoding Antigens: The Immune System's Recognition System

### Multiple Choice Questions

1. What are antigens?
  - A) Cells that engulf pathogens
  - B) Unique identifiers found on cells or pathogens
  - C) Antibodies produced by B lymphocytes
  - D) Components of the lymphatic system
  
2. How do immune cells recognize foreign antigens?
  - A) By their shape
  - B) By their color
  - C) By their size
  - D) By their unique identifiers
  
3. What is the role of B lymphocytes in responding to antigens?
  - A) To produce antibodies
  - B) To engulf pathogens
  - C) To recognize and attack cells
  - D) To present antigen fragments on their surface
  
4. How do T lymphocytes contribute to the immune response against pathogens?
  - A) By producing antibodies
  - B) By engulfing pathogens
  - C) By recognizing and attacking cells displaying foreign antigens
  - D) By presenting antigen fragments on their surface
  
5. Why is the ability to distinguish between self and non-self antigens important for the immune system?
  - A) To eliminate pathogens
  - B) To prevent autoimmune diseases
  - C) To produce antibodies
  - D) To activate immune cells

