

Name \_\_\_\_\_

## Guardians of Health: Unveiling the Magic of Vaccines

### Multiple Choice Questions

1. What do vaccines contain?
  - a) Harmful viruses
  - b) Weakened or inactive parts of a virus
  - c) Healthy bacteria
  - d) Toxic chemicals
  
2. How does the immune system respond to the weakened or inactive virus in a vaccine?
  - a) By ignoring it
  - b) By attacking healthy cells
  - c) By causing disease
  - d) By producing antibodies
  
3. What is the purpose of antibodies produced in response to a vaccine?
  - a) To neutralize the virus
  - b) To spread the virus
  - c) To increase inflammation
  - d) To promote viral replication
  
4. How does herd immunity work?
  - a) By increasing the spread of viruses
  - b) By reducing the effectiveness of vaccines
  - c) By protecting unvaccinated individuals
  - d) By decreasing the number of vaccines needed
  
5. Why is it important for a community to achieve herd immunity?
  - a) To make vaccines unnecessary
  - b) To protect individuals with weakened immune systems
  - c) To increase the spread of diseases
  - d) To eliminate the need for vaccination

