

## Diseases and Immunity Quiz PDF

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**Which of the following diseases is caused by a virus?**

- Tuberculosis
- Malaria
- Influenza
- Ringworm

**What is the primary role of antibodies in the immune system?**

- Destroy pathogens directly
- Mark pathogens for destruction
- Produce white blood cells
- Stimulate nerve cells

**Explain how vaccines contribute to herd immunity and why it is important for public health.**

**Which of the following is a characteristic of innate immunity?**

- Specific response
- Memory formation
- Rapid response
- Antibody production

**Which components are part of the innate immune system? (Select all that apply)**

- Skin
- Mucos membranes
- T-cells
- Phagocytes

**What are common symptoms of an allergic reaction? (Select all that apply)**

- Sneezing
- Fever
- Itching
- Swelling

**What is the purpose of a vaccine?**

- Cure diseases
- Stimulate immune response
- Provide nutrients
- Reduce inflammation

**What are the potential effects of a compromised immune system on an individual's health?**

**Which cells are involved in the adaptive immune response? (Select all that apply)**

- B-cells
- Red blood cells
- T-cells
- Phagocytes

**Which of the following are methods to prevent infectious diseases? (Select all that apply)**

- Vaccination
- Regular exercise
- Handwashing

- Quarantine

**Discuss the role of hygiene practices in controlling the spread of infectious diseases.**

**Describe the process by which the immune system recognizes and responds to a pathogen.**

**Which of the following are characteristics of autoimmune diseases? (Select all that apply)**

- Immune system attacks own cells  
 Caused by external pathogens  
 Chronic inflammation  
 Typically contagious

**What is the main function of T-cells in the immune system?**

- Produce antibodies  
 Attack infected cells  
 Transport oxygen  
 Release hormones

**Which type of pathogen requires a host cell to replicate?**

- Bacteria  
 Virus  
 Fungus

Parasite

**Which diseases can be transmitted through airborne particles? (Select all that apply)**

- Tuberculosis
- HIV/AIDS
- Influenza
- Malaria

**Which of the following is an autoimmune disease?**

- Hypertension
- Asthma
- Type 1 diabetes
- Influenza

**Which vaccine type uses a killed version of the pathogen?**

- Live-attenuated
- Inactivated
- Subunit
- mRNA

**Analyze the impact of autoimmune diseases on daily life and potential treatment options.**

**How does the immune system differentiate between self and non-self cells, and what happens when this process fails?**

