

## Immune System Quiz PDF

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#### Which cells are involved in the innate immune response? (Select all that apply)

- Neutrophils
- Macrophages
- B cells
- Natural killer cells

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

- Type 1 diabetes
- Lupus
- Asthma
- Multiple sclerosis

#### What are the functions of antibodies? (Select all that apply)

- Neutralize pathogens
- Transport oxygen
- Mark pathogens for destruction
- Produce hormones

#### What is the role of cytokines in the immune system?

- They digest pathogens
- They signal between cells
- They store energy
- They transport oxygen

#### What is the primary function of the immune system?

- To produce hormones
- To defend the body against infections

- To regulate body temperature
- To digest food

**Which nutrient is essential for supporting immune function?**

- Vitamin A
- Vitamin C
- Vitamin K
- Vitamin B12

**Which type of vaccine contains a weakened form of the virus?**

- Inactivated vaccine
- Subunit vaccine
- Live attenuated vaccine
- mRNA vaccine

**Which disease is characterized by the immune system attacking the body's own tissues?**

- Influenza
- Tuberculosis
- Rheumatoid arthritis
- Malaria

**Which factors can weaken the immune system? (Select all that apply)**

- Chronic stress
- Regular exercise
- Poor nutrition
- Adequate sleep

**Which of the following are types of vaccines? (Select all that apply)**

- Live attenuated
- Inactivated
- Subunit
- Antibiotic

**What type of white blood cell is primarily responsible for producing antibodies?**

- Neutrophils
- B cells
- T cells
- Monocytes

**Which of the following are components of the adaptive immune system? (Select all that apply)**

- B cells
- T cells
- Skin
- Antibodies

**Which of the following is a component of the innate immune system?**

- Antibodies
- T cells
- Skin
- Memory cells

**Which of the following is NOT a function of the adaptive immune system?**

- Rapid response to pathogens
- Memory creation
- Specific targeting of pathogens
- Production of antibodies