



# Questions for Oral Answers

1. **What are the main components of the human immune system? - Macrophages, T-lymphocytes, B-lymphocytes, and natural killer cells.**
2. **What is the difference between innate and adaptive immunity? - Innate immunity is the first line of defense and is non-specific, while adaptive immunity is more specific and has memory.**
3. **What is the role of the thymus gland? - The thymus gland is where T-lymphocytes mature and are selected for their ability to recognize and respond to antigens.**
4. **What are the functions of the spleen? - The spleen filters blood for pathogens and debris, and it is a site where immune responses are initiated.**
5. **What is the role of the lymphatic system? - The lymphatic system transports lymph, which contains immune cells, and it helps in the removal of toxins and waste from the body.**
6. **What are the main types of white blood cells? - Neutrophils, monocytes, lymphocytes, eosinophils, and basophils.**
7. **What is the difference between primary and secondary lymphoid organs? - Primary lymphoid organs are where immune cells are first exposed to antigens and undergo maturation, while secondary lymphoid organs are where immune cells meet and interact with antigens.**
8. **What are the functions of the tonsils? - The tonsils are part of the immune system and help to prevent infections from entering the body through the mouth.**
9. **What is the role of the bone marrow? - The bone marrow is where all blood cells, including immune cells, are produced.**
10. **What are the main components of the blood? - Red blood cells, white blood cells, and platelets.**
11. **What is the role of the liver? - The liver is involved in the metabolism of drugs and toxins, and it also plays a role in the immune response.**

