**STUDY QUESTIONS LYMPHOID SYSTEM**

**VOCABULARY**

Thymus Lymph nodes Spleen

Blood-thymus barrier Periarteriolar sheath Plasma cells

High endothelial venules White pulp Red pulp

Hassall’s corpuscles Billroth’s strands Penicillar arteries

Lymphopoiesis Marginal zone Reticular fibers

Perifollicular region Cords Sinuses

Lymphoid tissue B lymphocytes T lymphocytes

**OBJECTIVES AND QUESTIONS**

1. What are the primary and secondary lymphoid organs?
2. What is the function of the thymus?
3. What 3 features prevent exogenous antigens from entering the thymus?
4. Describe the basic structure and function of the lymph nodes. Where can B and T lymphocytes be found in the lymph node?
5. Describe lymph and blood circulation through the lymph node and the function of high endothelial venules.
6. Describe the functions of the white and red pulp of the spleen.
7. Compare and contrast closed and open circulation, and the functional significance of open circulation in the spleen.