**STUDY QUESTIONS LIVER, GALLBLADDER, PANCREAS AND SALIVARY GLANDS**

**VOCABULARY**

Exocrine Bile canaliculi Islets of Langerhans

Endocrine Bile duct Microvilli

Portal triad Serous acini Cystic duct

Central vein Mucous acini Lobes

Hepatocyte Demilune Glucagon

Kupffer cell Intercalated duct Insulin

Space of Disse Striated duct Somatostatin

**OBJECTIVES AND QUESTIONS**

1. Differentiate between the mucous, serous, and demilune acini.
2. Distinguish between intercalated and striated ducts
3. Describe the function of the pancreas and how the endocrine and exocrine components work together to accomplish this function.
4. What composes the hepatic triad? Describe the flow of blood, bile, and lymph through the liver.
5. What is the functional significance of Kupffer cells and the Space of Disse?
6. Describe how the endothelium of the liver helps accomplish its major function.
7. Describe the duct system that brings bile to the stomach.