LAB SESSION 8

**All terminologies, concepts, and figures within each exercise are required (unless otherwise specified).**

EXERCISE 11: DIGESTIVE SYSTEM ANATOMY

Learning Objectives: Following completion of this lab, the student will be able to:

- describe the steps in the digestive process for carbohydrates, proteins, and lipids.
- describe the conditions necessary for the digestion of carbohydrates, proteins, and lipids.
- describe the effect of temperature on enzyme function.
- perform chemical tests for the presence of carbohydrates, proteins, and lipids.
- explain the digestive enzymes required for chemical digestion of carbohydrates, proteins and lipids, where they are secreted and where they act.
- identify the reagents used to indicate positive or negative results and the significance of the color changes.
- recognize positive and negative test results for digestion of carbohydrates, proteins, and lipids.