**Lecture Learning Outcomes and Objectives**

**Week 8: ANIMAL ORGANIZATION AND HOMEOSTASIS**

*Given 2 hours of discussion and assigned reading on the subject, upon an examination and within 70% accuracy, the student should be able to:*

**Types of Tissues**

1. Give the broad functions of the four main types of tissues.
2. Outline the characteristics of epithelial tissue.
3. List and describe the different types of epithelial tissue.
4. Outline the characteristics of connective tissue.
5. List and describe the different types of connective tissue.
6. Outline the characteristics of muscle tissue.
7. Compare and contrast the three types of muscle tissue.
8. Outline the characteristics of nervous tissue.
9. Describe the types of cells found in nervous tissue.

**Homeostasis**

1. Discuss the concept of homeostasis in living organisms.
2. Use the concept of negative feedback to explain glycemia and body temperature control in humans.
3. Explain the concept of positive feedback using labor and delivery in humans as an example.
4. Understand the terms: asymmetrical, frontal, sagittal, transverse, ventral, columnar, cuboidal, squamous, stratified, pseudostratified, fibrous, adipocyte, chondrocytes, osteocytes, neuroglia, homeostasis, negative feedback, positive feedback