



# **PRACTICAL 1:**

Introduction to

**Anatomy and Physiology**



## PRACTICAL 1: Organization of the Human Body

# Practical Module 1 Objective Sheet

1. **Purpose**
- i) To differentiate and label the morphology (anatomy) of the human regional terms.
  - ii) To understand the anatomical directions use during clinical observation.
  - iii) To highlight (\*with their specific function) the major body cavity.

2. **Principle**
- Get introduced to all of the major organ systems of the body. You'll learn some general anatomy (roadmap for your body), and how the organs work. After completing this module, you should be able to use anatomical terms to identify the general regions of the body, name the major body structures, and list the major organs and structures in the major organ systems. You should demonstrate these competencies by completing the assignment sheets.

3. **Type of Specimen** Anatomy models at MKK2, UniSZA Medical Campus (Kampus Kota):

Slide No.	Description
	Human anatomy whole body model (full/half body model)
	Human whole skeletal model

4. **Reagent** NONE
5. **Instrument** Observation on practical models.

6. Each student is given a **CHECKLIST**.

7. After completing this module, you should be able to use anatomical terms to identify the general regions of the body, name the major body structures, and list the major organs and structures in the major organ systems . You should demonstrate these competencies by completing the assignment sheets and by scoring a minimum of 85% on the labreport .

After completing this module, you should be able to:

1. Define the terms *anatomy* and *physiology*.
2. Define the term *anatomical standing position, supine position and prone position*.
3. Label the common body planes .
4. Match the directional terms used in anatomy to their correct descriptions .
5. Describe the locating terms used in anatomy .
6. Describe the body positions .
7. List the general regions of the body .
8. State the contents of the major body cavities .
9. Label the quadrants of the abdominopelvic cavity .
10. Match the major abdominopelvic organs to their correct quadrant locations .
11. Label the regions of the abdomen .
12. List the major body structures in order of increasing complexity.
13. Match the major organ systems to their correct functions .
14. List the major organs and structures in each of the major organ systems .
15. Practice critical thinking: Demonstrate anatomical regions, directional, body planes and cavities. (\*Please refer to Assignment Sheet 1)
16. Understand about the embalming technique . (\*Please refer to Assignment Sheet 2)

## **ASSIGNMENT 1: (30%)**

Practice with your partner regarding all anatomical regions, directional, body planes and cavities. Each partner shall demonstrate in front of the instructor and marks will be given (in rubric form) based on the correct answers.

## **ASSIGNMENT 2: (40%)**

Write a short assignment (500 – 1000 words) about the embalming techniques used in preparation of the cadaver in the dissection laboratory. Submit your assignment 2 together with your checklist.

## **ASSIGNMENT 3: (30%)**

Complete the checklist and submit together with Assignment 2.

**~ END OF PRACTICAL MODULE ~**