

# SNS COLLEGE OF PHARMACY AND HEALTH SCIENCES



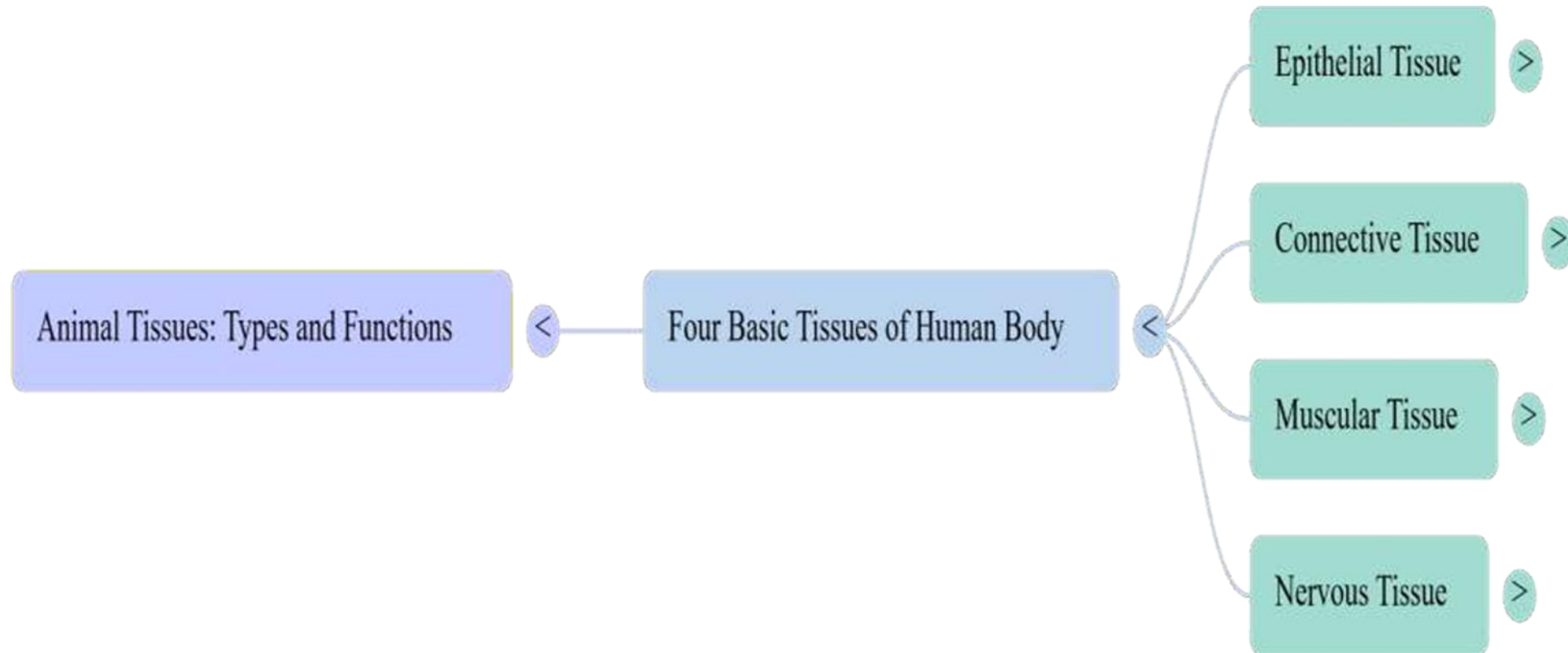
*Affiliated To The Tamil Nadu Dr. MGR Medical University, Chennai*  
*Approved by Pharmacy Council of India, New Delhi.*  
**Coimbatore -641035**

COURSE NAME : HUMAN ANATOMY AND PHYSIOLOGY

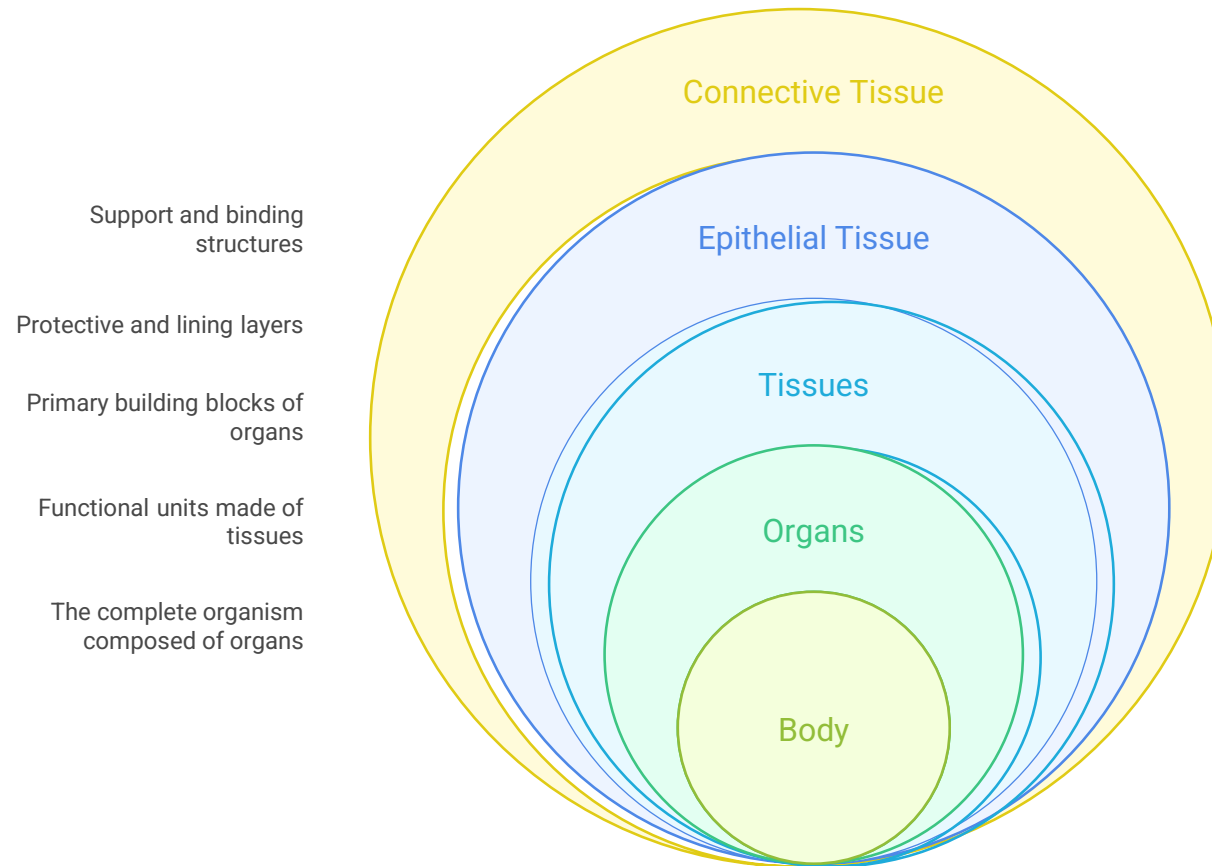
1<sup>ST</sup> YEAR PHARM D

TOPIC : THE ELEMENTARY TISSUES OF HUMAN BODY-III

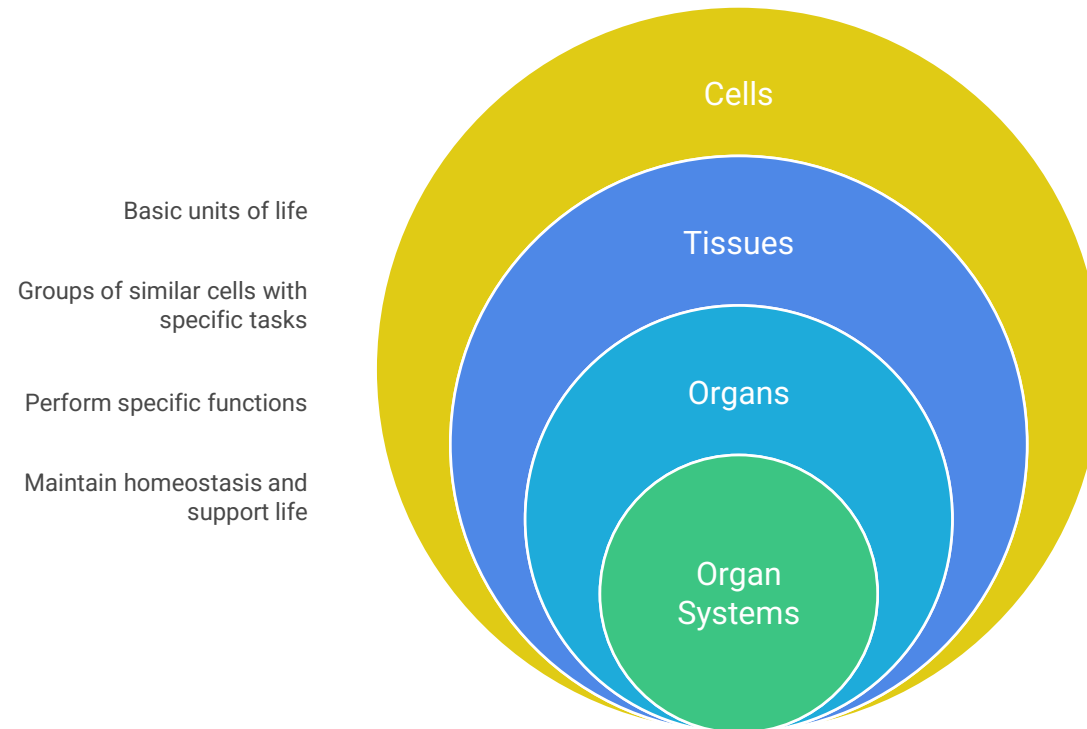
# THE TISSUES MINDMAP



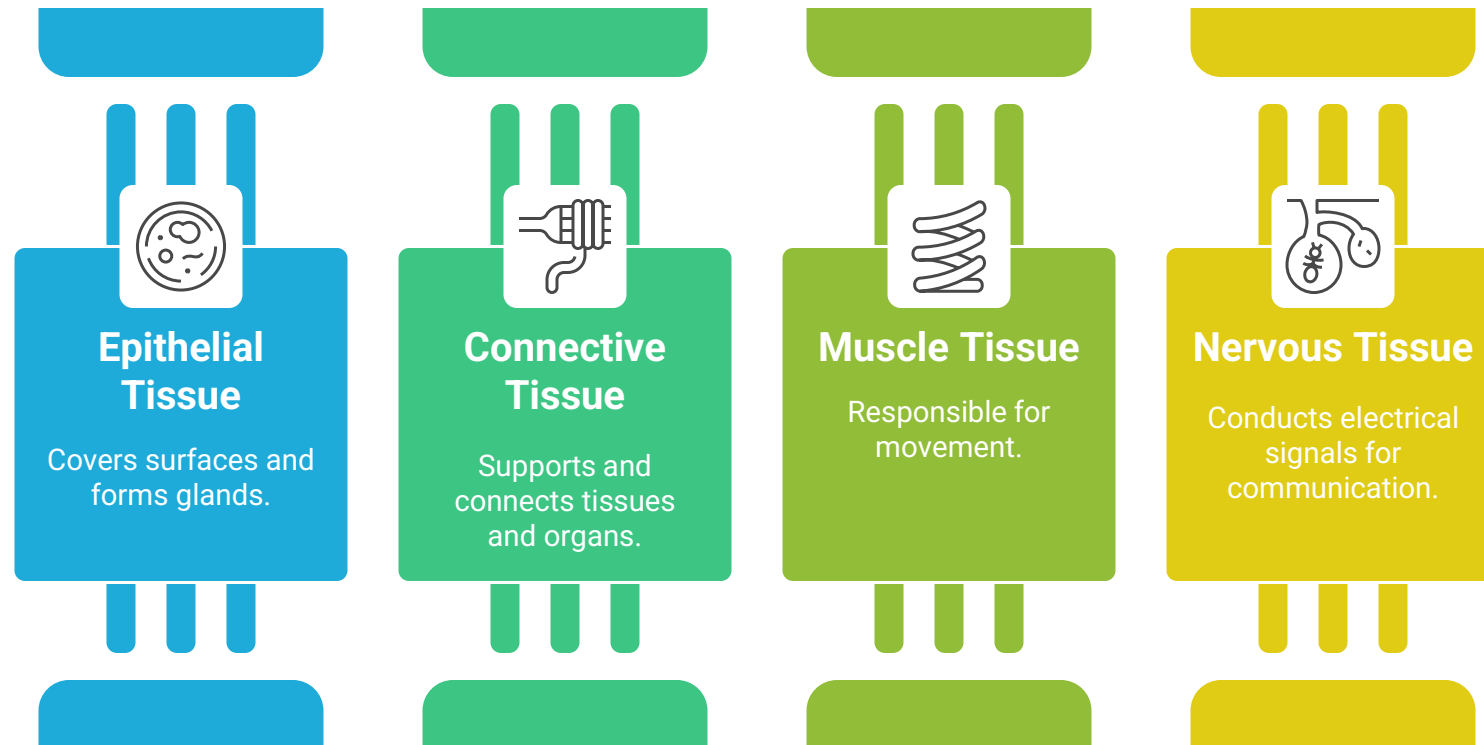
## Tissue Hierarchy in Living Organisms



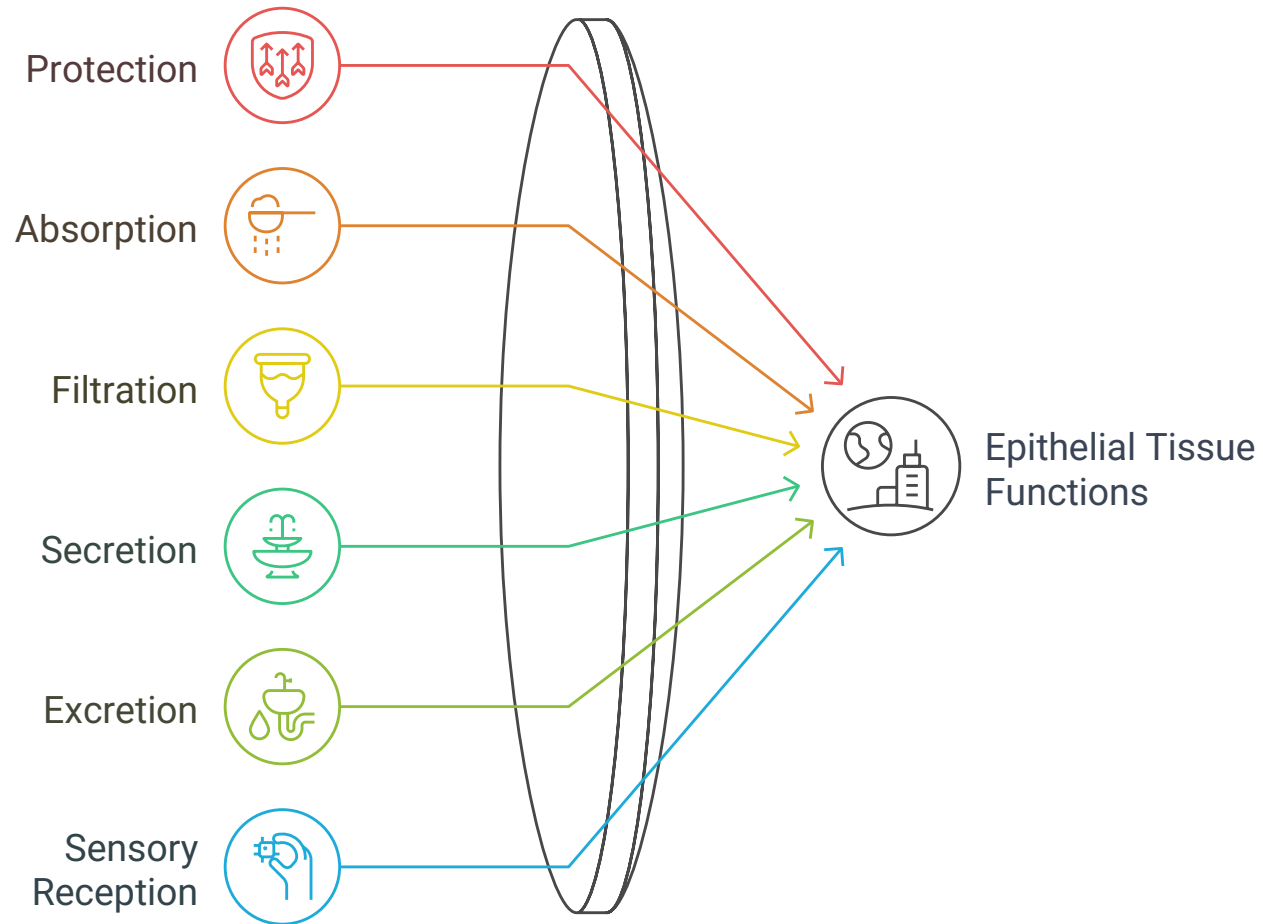
## Tissue Organization in the Body



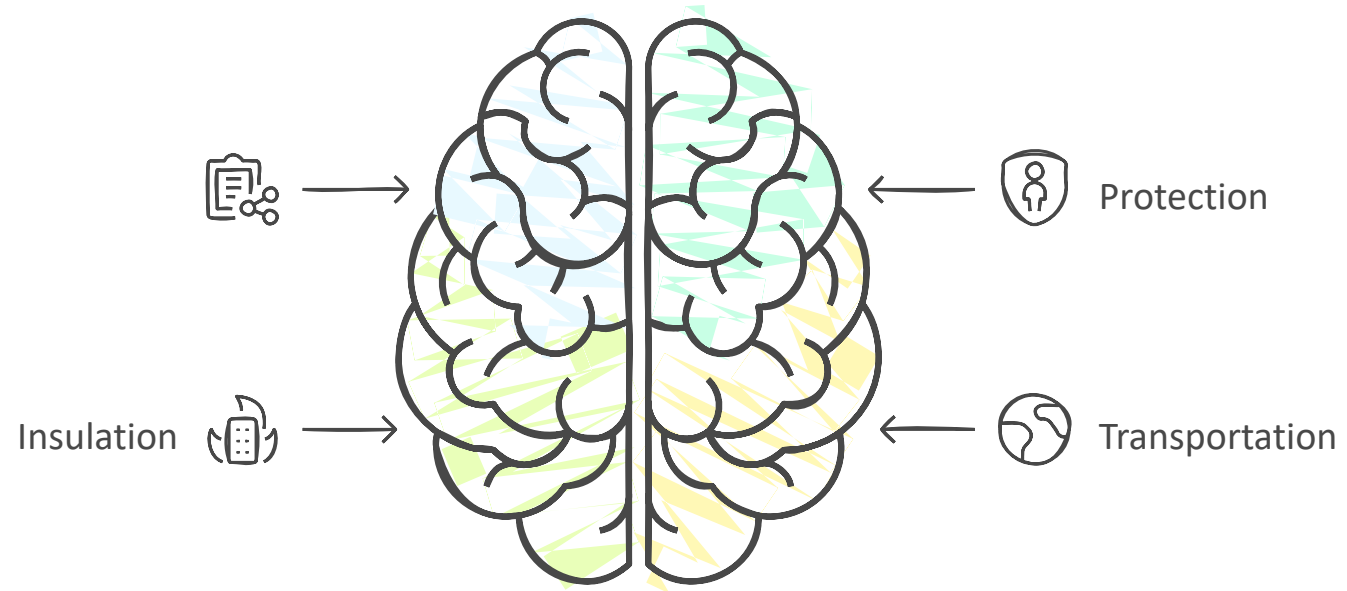
## The Foundation of Life



## The Multifaceted Role of Epithelial Tissue

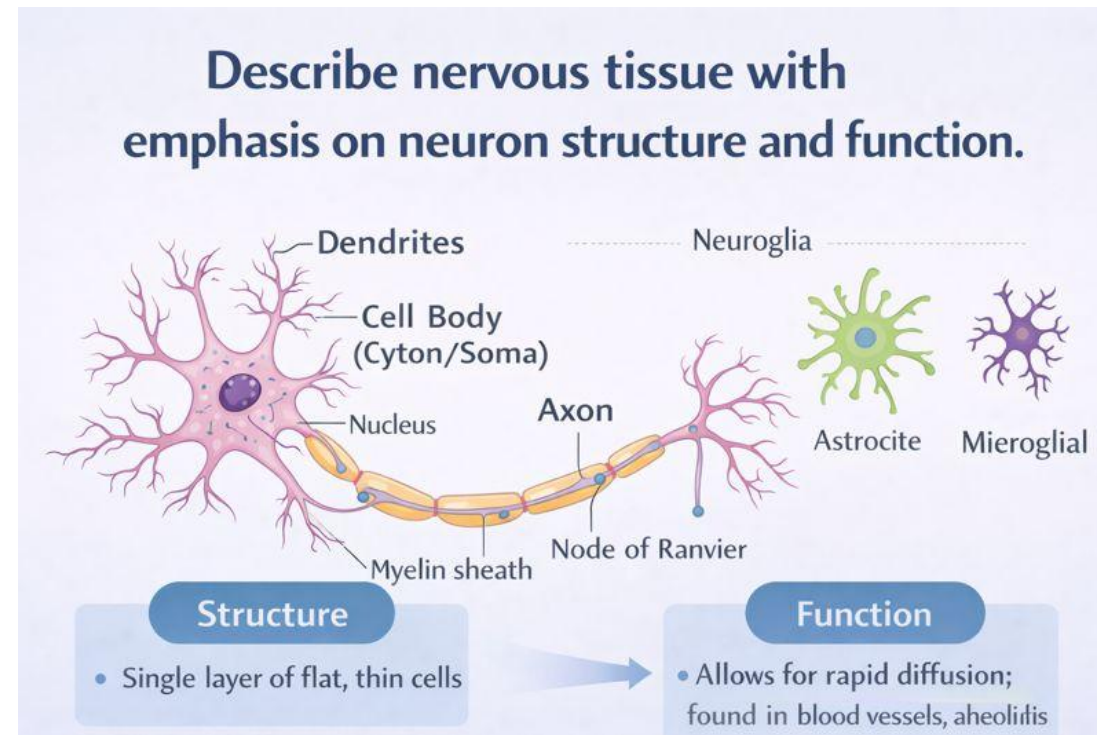


## Functions of Connective Tissue



# ASSESSMENT



1. Describe nervous tissue with emphasis on neuron structure and function.





# ASSESSMENT

2. Compare and contrast epithelial tissue and connective tissue.

Compare & Contrast: Epithelial Tissue vs. vs. Connective Tissue		
		
Epithelial Tissue	VS	Connective Tissue
• <b>Structure</b>	• Tightly packed cells in layers	• Loosely packed cells in an extracellular matrix
• <b>Location</b>	• Covers body surfaces & lines organs	• Found throughout the body
• <b>Function</b>	• Protection, absorption, secretion	• Support, binding, and cushioning
• <b>Cellularity</b>	• High cellularity	• Low cellularity
• <b>Vascularity</b>	Avascular (No blood vessels)	Vascular (Rich blood supply)

## REFERENCES



- ✓ Ross And Wilson Anatomy And Physiology In Health And Illness, Anne Waugh & Allison Grant
- ✓ Essentials of Medical Physiology, K. Sembulingam & P. Sembulingam (Jaypee Brothers Medical Publishers)
- ✓ Human Anatomy & Physiology Gerard J. Tortora & Bryan H. Derrickson (Wiley)
- ✓ A Textbook of Human Anatomy and Physiology-I, SIA Publishers



# Thank You

