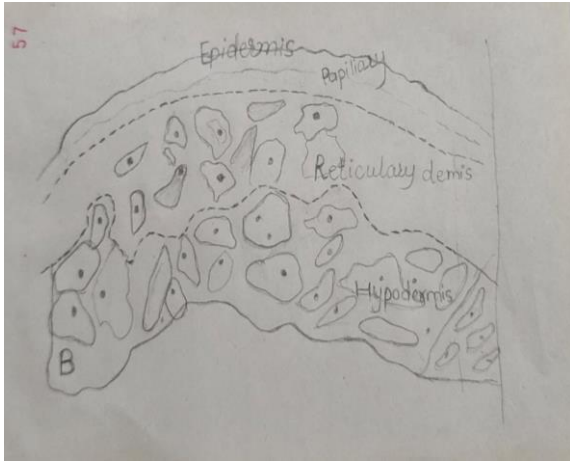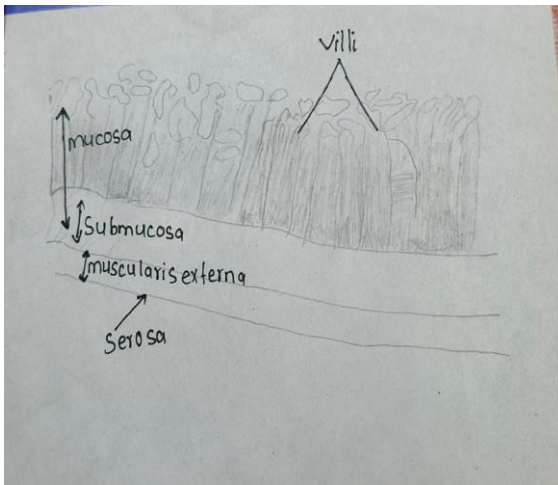# TISSUE SCIENCE

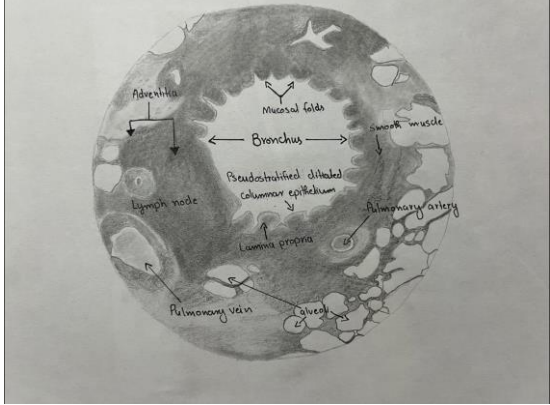## Identification And Annotated Images Of Tissue Slides A-F.

Complete the following table for each slide A-F.

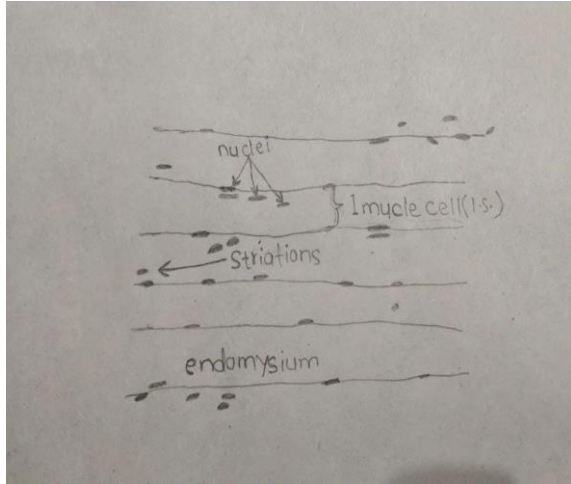| SLIDE A	IDENTIFICATION: Planter skin
<u>Include your drawing/annotated image here:</u> 	<u>Histological description:</u> It is examined on low magnification which show three layers. • Epidermis • Dermis • Papillary • Reticular • Hypodermis From these abundant sensory capsules are present in reticular and hypodermis
Magnification: 3 mm and 5 mm	

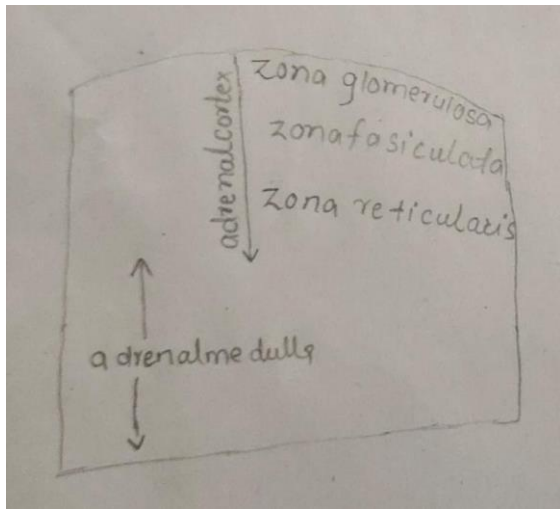| SLIDE B	IDENTIFICATION: Small intestine
<u>Include your drawing/annotated image here:</u> 	<u>Histological description:</u> The layer of small intestine that have the following morphology: It has three layers upper, middle and lower layer. 1. Top layer: mucosa (from right side of this intestinal crypt is present) 2. Mid layer: submucosa and 3. Bottom : muscularis extrena The outer layer of bottom layer is serosa
Magnification: 25 mm and 50 mm	

TISSUE SCIENCE

SLIDE C	IDENTIFICATION: Trachea

Include your drawing/annotated image here:	Histological description:

	The tissue presented in trachea tissue that have been examined from magnification level of 100x to 600x because of many different findings.
	
	The most outer layer contains
	  1. Adventitia
	  2. Lymph node
	  3. Pulmonary vein alveoli
	
	The mid layer contains
	  1. Lymph node
	  2. Lamina propria
	  3. Pulmonary artery
	  4. Smooth muscle
	
	The central input layer contains
	  1. Mucosal folds
	  2. Bronchus
	  3. Pseudo stratified ciliated columnar epithelium

Magnification: 100x to 600x	

SLIDE D	IDENTIFICATION: Kidney

Include your drawing/annotated image here:	Histological description:

	There are three types of morphologies that have been found on three different magnifications.
	
	  1. Mature puffball (25mm)
	  2. Darks pore mass (100mm)
	  3. Spore with high level of magnification (200mm)

Magnification: 25 mm/kg, 100 mm/kg and 200 mm/kg	

TISSUE SCIENCE

SLIDE E	IDENTIFICATION: Striated muscle

Include your drawing/annotated image here:	Histological description:
	The three layer strained muscle have been discussed below: 1. Nuclei (1 muscle is depicted below this) 2. Striations 3. Endomysium These muscles are presented on different levels having their availability on different direction as shown in the drawing.
Magnification: 4x and 10x	

SLIDE F	IDENTIFICATION: Adrenal gland

Include your drawing/annotated image here:	Histological description:
	It is consisted upon two portion that are adrenal cortex and adrenal medulla. Adrenal cortex: 1. Zona glomerulosa 2. Zona fasiculata 3. Zona reticularis Adrenal medulla: These tissue available in half part of adrenal gland
Magnification: 10mm and 25mm	