

Practical Topics (3rd week)

	Practical	time
1	Parts of ordinary microscope & how to use it General staining technique: Acidophilic & basophilic structures	2 hour
2	Plasma membrane Mitochondria RER SER Golgi bodies Lysosomes peroxisomes endosomes and coated vesicles	2 hour
3	Ribosomes microtubules filaments centrioles glycogen fat Pigments crystals	2 hour
4	Nucleus chromosomes karyotyping	2 hour

Practical Topics (4th week)

	Practical	time
1	Simple squamous epithelium Simple cuboidal epithelium Simple columnar epithelium pseudostratified epithelium	2 hour
2	stratified squamous epithelium stratified cuboidal epithelium transitional epithelium mucous acini serous acini mixed acini	2 hour
3	Loose C.T. dens C.T. mucoid C.T. reticular C.T. adipose C.T. Hyaline cartilage elastic cartilage white fibrocartilage	2 hour
4	Compact bone cancellous bone growing end	2 hour