

Lab Topics

First week

The microscope and its use, cell structure (Prokaryots: Bacteria, Eukaryotes: animal and plants), type of eukaryotic animal cell.

Second week

Histology (Connective Tissue : Areolar connective tissue, hyaline cartilage)(Nervous tissue : Neurons , spinal cord).

Third week

Histology (Muscular Tissue : Striated muscles, cardiac muscles, smooth muscles).

Fourth week

Histology (Blood vessels, Kidney)

Fifth week

Histology (The digestive system : oesophagus, stomach)

Sixth week

Histology (liver, testis)

Seventh week

Cell division (mitosis , meiosis)

Eighth week

Revision

Ninth week

First Finalexam

Tenth week

The rat (external feature, general viscera , endocrine system)

Eleventh week

The rat (urogenital system, nervous system)

Twelfth week

Human genetics (blood groups, other human traits), revision.

Thirteenth week

Second Final exam