

Samester1 Topics

Human Histology
Schedule for Lectures and Practical sessions (2nd year) first semester
No. of lectures One/week/hr.
No. of practical sessions one/week/2.5 hr.

Week	Topic	Lectures	Practical sessions
1 st week	introduction	Introduction to subject of histology and methods for its study	Lab orientation. Basic principles of tissue preparation for microscopic study
2 nd week	cell	Components of cell, cell cycle and division	Different verities of cells, their staining and examination under light microscope
3 rd week	General histology	Epithelial tissue: Types and characteristics	Study of different types of epithelium
4 th week		Connective tissue classification, components, C.T proper	Study of various types of connective tissue proper
5 th week		Supportive connective tissue: -Cartilage and its types	Study of Hyaline, elastic & fibrocartilage.
6 th week		Supportive connective tissue: -Bone, histogenesis, growth and remodeling	Study of compact, spongy and growing bone.
7 th week		Muscular tissue: Skeletal, smooth and cardiac muscle.	Study of skeletal, smooth and cardiac muscle.
8 th week		Nervous tissue: General organization, Neurons, Neuroglia, Peripheral Nerve and myelination.	Study of: <ul style="list-style-type: none"> a. different neurons in nervous system. b. Peripheral nerve.

Week	Topic	Lectures	Practical sessions
9th week	Blood & Circulatory System	Formed elements of blood, general and specific structure of blood vessels	Study of peripheral blood film, Study of arteries, veins and capillaries.
10th week	Lymphoid system	Lymphoid system 1/3 Immunity, Difference of nodular and diffused lymphoid tissue, GALT, MALT, Lymph node, Tonsil and Pyer's patches.	Study of lymph node, tonsils, pyer's patches and Appendix.
11th week		Lymphoid system 2/3 Lymph organs, thymus & its function autoimmunity, organ transplantation.	Study of thymus
12th week		Lymphoid system 3/3 Spleen and its function	Study of spleen
13th week	Respiratory System	Respiratory system 1/2 Nasal cavity, PNS, Larynx and Trachea.	Study of upper respiratory tract and trachea.
14th week		Respiratory System 2/2 Bronchial tree, Lungs, Respiratory membrane.	Study components of bronchial tree & lungs.
15th week	Integumentary System	Skin and its appendages.	Study of Epidermis, Dermis and Glands of skin.