Examination for Master Degree in: Histology

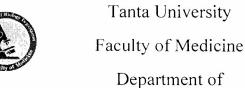
Course Title: Histology (First paper)

Date: 17/10 /2018 Code: HIST 800

Term: Second part (October) Time Allowed: Three hours

Total Assessment Marks: 270 Marks





Histology and Cell Biology

Answer all the following questions and illustrate your answers with diagrams

Questions Number	Marks
Q1- Give an account on cytoskeleton and cell motility.	22Marks
Q2-Describe EM picture of organelles that are involved in secretory function of the cell.	22marks
Q3-Discuss histological basal specializations of the cell surface.	27 Marks
Q4- Write in details the histology of brown adipose tissue.	27 Marks
Q5- Discuss the histological structure of fibrocartilage.	10 Marks
Q6- Give an account on bone development (Osteogenesis).	27 Marks
Q7-Describe in detail the histological characters of smooth muscle.	27 Marks
Q8-Describe in detail the histological structure of stromal cells of the red bone marrow.	27 Marks
Q9- Discuss the histological structure of neurons processes with reference to transport of small and large molecules along them.	27 Marks
Q10- Differentiate between different types of arteriovenous connections.	27 Marks
Q11- Describe the histology of cells that form the blood- thymic barrier.	27 Marks

Chairman of Department

Prof Dr. NAGLAA SARHAN

GOOD LUCK

Examination for Master Degree in: Histology Course Title: Histology (2nd paper)

Date: 27,/10/2018 Code: HIST 800

Term: Second part (October) Time Allowed: Three hours

Total Assessment Marks: 270 Marks





Tanta University

Faculty of Medicine

Department of

Histology & Cell Biology

Answer all questions and illustrate your answers with labeled diagrams.

Questions Number	Marks
Q1 Give an account on respiratory epithelium.	25 marks
Q2 Discuss the histological structure and function of:a) M cell and intestinal immune system.b) Epithelial cells comprise secretory units of the salivary glands.	25Marks 25marks
Q3- Write in detail the histology of Juxtaglomerular apparatus.	25 Marks
Q4- Describe histological structure of cells of the epidermis of the skin.Q5- Describe the histological structure of the cells responsible for secretion of parathormone.	25 Marks 25 Marks
Q6-Give a full account on microscopic structure of extra-testicular duct system.	25 Marks
Q7- Describe the histological structure of growing ovarian follicles Q8- Discuss the histological structure of proprioceptor system.	25 Marks 10 Marks
Q9- Mention in details the histology of the part of the eye ball which is responsible for slow, continuous drainage of aqueous humor. Q10- CNS:	25 Marks
a-Draw a labeled diagram of thalamic nuclei and their connection. b-Give an account of projection neurons of mesothelium. c- Give an account of Cerebellar glomerulus.	9 Marks 8 Marks 8 marks

Chairman of the Department Prof Dr. Naglaa Ibrahim Sarhan

Good Luck