

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



Tanta University
Faculty of Medicine
Department of
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: 24/10/2018
Code: HIST 800
Term: Second part (October)
Time Allowed: Three hours
Total Assessment Marks: 270 Marks



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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.	25 Marks
Q5- Describe the histological structure of the cells responsible for secretion of parathormone.	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	25 Marks
Q8- Discuss the histological structure of proprioceptor system.	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.	25 Marks
Q10- CNS: 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