

Final Exam. Medical Doctorate in Histology
Course Title: Special Histology
Code: HIST900
Date: 25/11/2020
Time Allowed: Three hours
Total Assessment Marks: 450 marks



Tanta University
Faculty of Medicine
Department of Histology

Answer all the following questions (illustrate your answers with labeled diagrams):

Q1. Describe the histological structure of salivon of parotid gland.	40 marks
Q2. Discuss in details the microscopic structure of pregnant uterus and placenta, with emphasis on how the placenta is developed with its barrier.	50 marks
Q3. Write in details the structure and function of proprioceptors in the different organs in the human body.	50 marks
Q4. Define the histological structure of pars distalis with explanation of the hypothalamic-hypophyseal portal system and the different control mechanisms of the anterior pituitary.	60 marks
Q5. Discuss in details the structure of bowman's capsule of the kidney with reference to blood-renal barrier.	50 marks
Q6. Write an account on mucus-secreting cells in the digestive system.	50 marks
Q7. Explain the olfactory region of the nasal cavity, with special reference to perception of odors and the mechanism of smell.	50 marks
Q8. Give a full account on spermiogenesis and describe the electron microscopic picture of mature sperm.	50 marks
Q9. Mention brain stem nuclei of origin of cranial nerves. Discuss the one concerned with gustation.	50 marks

GOOD LUCK

Exam committee:

Prof. Naglaa Ibrahim sarhan , Prof. Nawar Mahmoud Shalaby , Prof. Azza Awad Aborya