

Examination for Master Degree in: Histology
Course Title: Histology (2nd paper)
Date: 27/4/2022
Code : HIST800
Term: Second part (April)
Time Allowed: Three hours
Total Assessment Marks: 270 Marks



Tanta University
Faculty of Medicine
Histology & Cell Biology
Department

Answer all questions and illustrate your answers with labeled diagrams.

- Q1. Write an account on mucus-secreting cells in the gastro-intestinal tract.** (50 Marks)
- Q2. Describe in detail the histological structure of the visceral layer of the Bowman capsule of the kidney with reference to its function.** (30 Marks)
- Q3. Discuss the histological structure of Three epithelial cell types comprise the salivary.** (30 Marks)
- Q4. Mention none keratinocytes of skin and describe their histological structures and function.** (30 Marks)
- Q5. Explain the multistage for production of T3 & T4 by follicular cells with reference to the target cell organelles in each stage.** (30 Marks)
- Q6. Describe the histological structure of the prostate.** (20 Marks)
- Q7. Describe the histological structure and functions of the mature placenta with reference to the blood-placental barrier.** (30 Marks)
- Q8. Describe the histological structure of the eye construction, which possesses the part responsible for slow, continuous drainage of aqueous humor.** (20 Marks)
- Q9. Give an account on subthalamic nuclei.** (30 Marks)

Good Luck

Exam Committee

Prof. Dr. Nawar Mahmoud Shalaby

Prof. Dr. Naglaa Ibrahim Sarhan Prof. Dr. Reda Hassan Elbakary - Dr. Samah Kandeel

Examination for Master Degree in: Histology

Course Title: Histology (First paper)

Date: 20/4/2022

Code: HIST800

Term: Final (April)

Time Allowed: Three hours

Total Assessment Marks: 270 Marks



Tanta University

Faculty of Medicine

Department of Histology and Cell Biology

Answer all questions and illustrate your answers with labeled diagrams.

- 1- Give an account on the electron microscopic (EM) structure of Golgi apparatus with the reference to its functions. (25 marks)**
- 2- Discuss in details the structure of collagen fibers with special reference to their types, synthesis and degradation. (25 marks).**
- 3- Give an account on different types, structure and functions of the effector cells of T lymphocytes. (25 marks)**
- 4. List the types of cells that support neuronal survival and activities you know and discuss the structure of those responsible for myelination. (35 mark).**
- 5. Discuss the structural specialization of the cell surfaces that reflect specific functions. (40 mark)**
- 6. Discuss in details phases of meiosis with special reference to the number of chromosomes and DNA content and compare between it and mitosis. (30 mark)**
- 7. Describe in details the histological structure of cardiac muscle. (30 mark)**
- 8. Give full account on the types of ossification in bone tissue. (30 mark).**
- 9. Discuss thrombocytes with reference to their origin. (30 mark).**

Good Luck

Exam Committee

Prof. Dr. Nawar Shalaby, Prof. Dr. Naglaa Ibrahim Sarhan, Prof. Dr. Reda Elbakary, Assist. Prof. Dr. Samah Kandeel