

Tanta University
Faculty of medicine
Department of Anatomy and Embryology
ELECTIVE COURSES FOR SECOND SEMESTER
MEDICAL DOCTORATE IN ANATOMY& EMBRYOLOGY



Date: 26/2/2022
Time allowed: (Three hours)

Total marks: (60 Marks)
Numbers of questions: 6

ELECTIVE COURSES FOR SECOND SEMESTER
(MEDICAL DOCTORATE IN ANATOMY& EMBRYOLOGY)

COMPARATIVE ANATOMY (30 MARKS):

1- Define:

- A- The definition of comparative anatomy? (5 marks)
B- The uses of comparative anatomy? (8 marks)
2- Gives summary of animal classification? (8.5 marks)

3- Discuss:

- A- The mammalian skeletal system? (4 marks)
B- The digestive system in Omnivores? (4.5 marks)

BIOLOGICAL ANTHROPOLOGY (30 MARKS):

- 1- Mention the definition of the following (12 marks)
a. Anthropology and its subfields. (4 marks)
b. Ergonomics. (3 marks)
c. Ectomorph. (3 marks)
d. Aesthetic. (2 marks)

- 2- Define the biometrics and Discuss dermatoglyphics and genetic conditions? (10 marks)

- 3- Outline methods of anthropometric evaluation and their merits and demerits? (8 marks)

WITH OUR BEST WISHES
Committee of the Exam
Prof. Dr. Amal Halawa, Prof Dr. Mona Attia, Prof Dr. Amal Mahdy

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**Tanta university
Faculty of Medicine**

**General Surgery Department
MD Examination: Surgical anatomy & embryology**

**First semester
Feb 2022
Time allowed: 3hrs**

All questions to be answered

Discuss the following questions:

- 1. Surgical anatomy of retroperitoneal space. (20 marks)**
- 2. lymph nodes map of the colon and rectum. (25 marks)**
- 3. laparoscopic anatomy of the hiatus . (20 marks)**
- 4. Surgical anatomy of adrenal gland . (25 marks)**

Good luck

Tanta University
Faculty of Medicine
Human Anatomy & Embryology Dep.
Date: 21/2 /2022
Number of Questions: 6 Short essay

Medical Doctorate in Anatomy & Embryology
Advanced Embryology Examination

Time Allowed: 3 Hours
Total: 30 Marks



ADVANCED EMBRYOLOGY (2nd SEMESTER DOCTORATE)

All questions to be answered

1. **Explain** the development of teeth with their molecular regulation and anomalies. (6 marks)
2. **A. Enumerate** in table the derivatives of the cerebral region of the neural tube from caudal to rostral. (3 marks)
B. Explain the cerebral cortex development. (3 marks)
3. **Explain** the development of the cerebellum (**illustrate your answer with diagram**). (4 marks)
4. **Discuss** the development of the tympanic cavity, auditory tube and auditory ossicles. (4 marks)
5. **Explain** the development of the extraocular muscles with their genetic basis (**illustrate your answer with diagram**). (6 marks)
6. **Explain** the development of the epidermis of skin and **discuss** the pigmentary disorders with their genetic basis. (4 marks)

END OF THE EXAM

WITH OUR BEST WISHES

Committee of the Examination: *Prof. Dr. Amal Halawa, Prof. Dr. Mona Attia, Prof. Dr. Amal Mahdy*