

Tanta University
Faculty of Medicine
Anatomy Department
11/10 /2014

Orthopedics Master/ Diploma
Number of Questions: 6
Time Allowed: 3 Hours
Total: 75 Marks



ORTHOPAEDICS

All questions to be answered

Illustrate your answer with diagram whenever possible:

1. Describe the course and branches of the radial nerve. Outline the effects of its injury at different levels. (15 marks)
2. Discuss the retinacula around the ankle joint. (15 marks)
3. Describe the hip flexor muscles. (10 marks)
4. Discuss the anatomy of radioulnar joints. (10 marks)
5. Explain the development and discuss the anomalies of the vertebral column. (10 marks)
6. Write a short note about (15 marks):
 - A- Cartilagenous ossification. (4 marks)
 - B- Anastomosis around the elbow joint. (4 marks)
 - C- Cutaneous innervations of the foot. (4 marks)
 - D- Deltoid ligament. (3 marks)

END OF THE EXAM

Oral Examination:

On Sunday 26/ 10/ 2014 at 9 o'clock in the Anatomy Department (Second floor)

WITH MY BEST WISHES

Chairman of Department: Prof. Dr. Mona Zoair

Tanta University

Obstetrics & Gynaecology Master/ Diploma

Faculty of Medicine

Number of Questions: 5

Anatomy Department

Time Allowed: 3 Hours

11/10/2014

Total: 100 Marks



OBSTETRICS & GYNAECOLOGY

All questions to be answered

Illustrate your answer with diagram whenever possible:

1. Abdomen:

Describe the folds of peritoneum and their functions.

(15 marks)

2. Pelvis:

a. Discuss the anatomy of the ovary.

(15 marks)

b. Describe the nerve components inside the pelvis.

(15 marks)

3. Perineum:

a. Describe the anatomy of the superficial perineal pouch.

(10 marks)

b. Describe the anatomy of the pudendal nerve.

(10 marks)

4. General embryology:

Discuss the normal and abnormal sites of implantation.

(15 marks)

5. Special embryology:

Explain the development of the ovary with its congenital anomalies.

(20 marks)

END OF THE EXAM

Oral Examination:

On Sunday 26/ 10/ 2014 at 9 o'clock in the Anatomy Department (Second floor)

WITH MY BEST WISHES

Chairman of Department: Prof. Dr. Mona Zoair

Tanta University
Faculty of Medicine
Anatomy Department

11/10/2014 - Total: 100 Marks

Anatomy Master Degree First part
(Embryology & Genetics)

Number of Questions: 10

Time Allowed: 3 Hours



Embryology & Genetics (100 marks)

All questions to be answered

A- GENETICS:

- 1- Define the followings: (10 marks)
- Transcription
 - Genetic code
 - Trisomy
 - Deletions
- 2- Discuss the mutation and its types. (10 marks)
- 3- Discuss the autosomal inheritance disorders. (10 marks)

B- EMBRYOLOGY:

- 4- Discuss the teratogenesis associated with gestation. (10 marks)
- 5- Give a note on the external appearance during the 2nd month. (10 marks)
6. Discuss the placental changes at the end of pregnancy. Mention its anomalies. (10 marks)
- 7- Give a note on development and growth of limbs. Mention their molecular regulation. (10 marks)
- 8- Discuss the derivatives of the aortic arches and their defects. (10 marks)
- 9- Explain the development of mesenteries and their fate and anomalies. (10 marks)
- 10- Discuss the organization of the alar and basal plate neurons in the brain stem. (10 marks)

END OF THE EXAM

Oral and Practical Examination:

On Wednesday 15/ 10/ 2014 at 9 o'clock in the Anatomy Department (Second floor)

WITH MY BEST WISHES

Chairman of Department: Prof. Dr. Mona Zoair

Tanta University
Faculty of Medicine
Anatomy Department
11/10/2014

Internal Medicine Master/ Diploma
Number of Questions: 3
Time Allowed: 3 Hours
Total: 75 Marks



INTERNAL MEDICINE

All questions to be answered

Illustrate your answer with diagram whenever possible:

1. **Compare** between the anatomical features of both right and left lungs. (20 marks)
2. **Enumerate** the retroperitoneal organs then **discuss** the relations, blood supply and lymphatic drainage of one of them. (20 marks)
3. **Discuss** the derivatives of the primitive gut. (15 marks)
4. **Describe** the relations of the parotid gland. Outline its surface anatomy. (10 marks)
5. **Mention** the extension and arterial supply of the spinal cord. (10 marks)

END OF THE EXAM

Oral Examination:

On Sunday 26/ 10/ 2014 at 9 o'clock in the Anatomy Department (Second floor)

WITH MY BEST WISHES

Chairman of Department: Prof. Dr. Mona Zoair

Tanta University
Faculty of Medicine
Anatomy Department
11/10 /2014

ENT Master/ Diploma
Number of Questions: 6
Time Allowed: 3 Hours
Total: Master 100 Marks
Diploma 50 Marks



E.N.T.

All questions to be answered

Illustrate your answer with diagram whenever possible:

- 1- **Mention** the origin, insertion, nerve supply and action of the muscles of the palate.
(Master:15 marks- Diploma 7.5 marks)
- 2- **Mention** the boundaries of the nasopharynx and **describe** the structures in its lateral wall.
(Master:15 marks- Diploma:7.5 marks)
- 3- **Enumerate** the boundaries of the inlet of the larynx and **describe** divisions of its cavity. **Mention** the motor and sensory nerves of the larynx.
(Master:15 marks- Diploma: 7.5 marks)
- 4- **Discuss** the general sensation, sympathetic and parasympathetic nerve supply of the nasal cavity. **Mention** the pathway of olfaction.
(Master:20 marks- Diploma10 marks)
- 5- A. **Discuss** the branches of the glossopharyngeal nerve.
(Master:10 marks- Diploma 5 marks)
B. **Describe** the roof, floor , anterior wall, posterior wall and medial wall of the tympanic cavity.
(Master:10 marks- Diploma 5 marks)
- 6- **Explain** the development and **discuss** the congenital anomalies of the tongue.
(Master:15 marks- Diploma 7.5 marks)

END OF THE EXAM

Oral Examination:

**On Sunday 26/ 10/ 2014 at 9 o'clock in the Anatomy Department
(Second floor)**

WITH MY BEST WISHES

Chairman of Department: Prof. Dr. Mona Zoair

Tanta University
Faculty of Medicine
Anatomy Department
11/10 /2014

Chest Master/ Diploma
Number of Questions: 5
Time Allowed: 3 Hours
Total: 75 Marks

CHEST

All questions to be answered

Illustrate your answer with diagram whenever possible:

- 1- A. Describe the structures in the lateral wall of the nasal cavity. (10 marks)
B. Enumerate the arterial supply and nerve supply of the larynx. (10 marks)
- 2- A. Describe the arterial supply of the thoracic wall. (12 marks)
B. Explain the stages of lung development. (8 marks)
- 3- Discuss the blood supply of the heart. (10 marks)
- 4- Discuss parts, nerve supply, recesses and surface anatomy of the pleura. (15 marks)
- 5- Discuss the course and branches of the thoracic part of the sympathetic chain. (10 marks)

END OF THE EXAM

Oral Examination:

On Sunday 26/ 10/ 2014 at 9 o'clock in the Anatomy Department (Second floor)

WITH MY BEST WISHES

Chairman of Department: Prof. Dr. Mona Zoair

Tanta University
Faculty of Medicine
Anatomy Department
11/10/2014

Urology Master/ Diploma
Number of Questions:5
Time Allowed: 3 Hours
Total: 75 Marks



UROLOGY

All questions to be answered

Illustrate your answer with diagram whenever possible:

1. **Describe** the course, relations, blood supply of the abdominal part of the ureter. **Mention** the sites of its normal constrictions. (15 marks)
2. **Discuss** the extension, divisions and sphincters of the male urethra. (15 marks)
3. **Explain** the development and **outline** the congenital anomalies of the permanent kidney. (20 marks)
4. **Discuss** the function, shape, relations, blood supply and nerve supply of the seminal vesicle. (10 marks)
5. **Discuss** the course, relations and branches of the internal pudendal artery. (15 marks)

END OF THE EXAM

Oral Examination:

On Sunday 26/ 10/ 2014 at 9 o'clock in the Anatomy Department (Second floor)

WITH MY BEST WISHES

Chairman of Department: Prof. Dr. Mona Zoair

anta University
culty of Medicine
iatomy Department
/10/2014 - Total: 108 Marks

Anatomy Second part Master Degree
(Second paper)
Number of Questions: 6
Time Allowed: 3 Hours



Anatomy Second part Master (Second Paper 108 marks)

1- GENERAL ANATOMY (10 marks):

- a. **Discuss** the anatomy of the blood vessels. (5 marks)
- b. **Give a note on** the actions and innervations of the skeletal muscles. (5 marks)

2- THORAX (14 marks):

- a. **Discuss** the surface anatomy of the thoracic wall. (7 marks)
- b. **Describe** the autonomic nerve plexuses in the thorax. (7 marks)

3- HEAD& NECK (36 marks):

- a. **Describe** the anatomy of the eye lids. (9 marks)
- b. **Discuss** the anatomy of the suprahyoid muscles. (9 marks)
- c. **Describe** the boundaries and contents of the tympanic cavity. (9 marks)
- d. **Give a note on** the anatomy of jugular veins. (9 marks)

4- NEUROANATOMY (18 marks):

- a. **Describe** the gross appearance and internal structure of the midbrain. (7 marks)
- b. **Discuss** the structure and function of the limbic system. (6 marks)
- c. **Give a note on** the gustatory pathway. (5 marks)

Tanta University
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Anatomy Department

Emergency Medicine Master/ Diploma

Number of Questions: 2

Time Allowed: 3 Hours



15/10 /2014

Total: 40 Marks

EMERGENCY MEDICINE

All questions to be answered

- 1- In The trauma to the anterior part of the skull base mention the symptoms and the name of the cranial nerves affected. (20 marks)

- 2 - Discuss the flail chest . (20 marks)

END OF THE EXAM

Oral Examination:

On Sunday 26/ 10/ 2014 at 9 o'clock in the Anatomy Department (Second floor)

WITH MY BEST WISHES

Chairman of Department: Prof. Dr. Mona Zoair

Tanta University
Faculty of Medicine
Anatomy Department
13/10 /2014

General surgery Master/ Diploma
Number of Questions: 5
Time Allowed: 3 Hours
Total: 75 Marks



GENERAL SURGERY

All questions to be answered

Illustrate your answer with diagram whenever possible:

1. **Discuss** the beginning, course, relations and end of the femoral artery and **enumerate** its branches. (12 marks)
2. **A. Describe** the anatomy of the biliary system. (12 marks)
B. Mention the contents of the lesser omentum. (8 marks)
3. **Discuss** the relations of the parotid gland and parotid duct. **Identify** its surface anatomy. (15 marks)
4. **Mention** the origin, insertion and openings of the diaphragm. **Enumerate** its congenital anomalies and **outline** the clinical anatomy of the diaphragmatic hernia. (15 marks)
5. **Mention** the origin of the radial nerve and its course, relations and branches in the axilla and arm. **Outline** the effect of its injury in the spiral groove. (13 marks)

END OF THE EXAM

Oral Examination:

**On Sunday 26/ 10/ 2014 at 9 o'clock in the Anatom
Department (Second floor)**

WITH MY BEST WISHES

Chairman of Department: Prof. Dr. Mona Zoair