

Tanta University

Obstetrics&Gynaecology Master/ Diploma

Faculty of Medicine

Number of Questions: 5

Anatomy Department

Time Allowed: 3 Hours

6/4/2013

Total: 100 Marks



OBSTETRICS& GYNAECOLOGY

All questions to be answered

Illustrate your answer with diagram whenever possible:

1. Abdomen:

a. Give an account on the nerve supply of the anterior abdominal wall. (7 marks)

b. Discuss the types of inguinal hernia and points of differences. (8 marks)

2. Pelvis:

a. Discuss the arteries of pelvis and describe the uterine artery and its clinical importance. (10 marks)

b. Describe the ligaments of uterus. (10 marks)

c. Discuss the lymphatic drainage of the female genital organs. (10 marks)

3. Perineum:

a. Describe the perineal membrane and enumerate structures piercing it in female. (10 marks)

b. Discuss the boundaries and contents of the superficial perineal pouch in female. (10 marks)

4. General embryology:

a. Discuss the changes which the spermatozoa must undergo before fertilization. (7 marks)

b. Mention the normal and abnormal sites of implantation. (8 marks)

5. Special embryology:

a. Explain the development of female external genital organs. (10 marks)

b. Discuss the development of genital ridge in female. (10 marks)

END OF THE EXAM

Oral Examination:

On Wednesday 24/ 4/ 2013 at 9.5 o'clock in the Anatomy Department (Second floor)

WITH MY BEST WISHES

Chairman of Department: Prof. Dr. Mona Zoair

anta University
Faculty of Medicine
Anatomy Department
4/2013

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



UROLOGY

11 questions to be answered

Illustrate your answer with diagram whenever possible:

1. Discuss the relations of Psoas major muscle. (10 marks)
2. Describe the course and relations of the ureter in the male pelvis. Explain its development and **outline** its congenital anomalies. (20 marks)
3. Describe the lobes, relations, blood supply and lymphatic drainage of the prostate glands. **Outline** its clinical anatomy. (15 marks)
4. Discuss the attachment of the perineal membrane. Enumerate the structures piercing it in both sexes. (15 marks)
5. Describe the boundaries and contents of the deep perineal pouch in both sexes. (15 marks)

END OF THE EXAM

Oral Examination:

on Wednesday 24/4/ 2013 at 9.5 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
2013

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



ORTHOPAEDICS

1 questions to be answered

Illustrate your answer with diagram whenever possible:

Describe the course and branches of the radial nerve. Outline the effects of its injury at different levels. (15 marks)

Discuss the anatomy of glutei muscles. Outline their applied anatomy. (15 marks)

Describe the anatomy of planter nerves. (10 marks)

Describe the rotator cuff muscles of the shoulder and mention their importance. (13 marks)

Explain the development and discuss the anomalies of the limbs. (12 marks)

Describe the ligaments of the ankle joint. (10 marks)

END OF THE EXAM

Final Examination:

Wednesday 24 /4/ 2013 at 9.5 o'clock in the Anatomy
Department (Second floor)

WITH MY BEST WISHES

Chairman of Department: Prof. Dr. Mona Zoair

Santa University
Faculty of Medicine
Anatomy Department
17/4/2013

Internal Medicine Master/ Diploma

Number of Questions: 4

Time Allowed: 3 Hours

Total: 75 Marks



INTERNAL MEDICINE

All questions to be answered

Illustrate your answer with diagram whenever possible:

1. A. Discuss the arterial supply of the heart (15 marks)

2. B. Discuss the nerve supply of the pleura and outline its clinical anatomy. (15 marks)

3. Describe the relations and the blood supply of the stomach. (20 marks)

4. Describe the relations of the pituitary gland. (10 marks)

5. Enumerate the derivatives of the branchial arches. (15 marks)

END OF THE EXAM

Final Examination:

on Wednesday 17/4/ 2013 at 9.5 o'clock in the Anatomy Department (Second floor)

WITH MY BEST WISHES

Chairman of Department: Prof. Dr. Mona Zoair

Santa University
Faculty of Medicine
Anatomy Department
17/4/2013

Neurology & Psychiatry Master/ Diploma

Number of Questions: 4

Time Allowed: 3 Hours

Total: Master 75 Marks

Diploma 50 Marks



NEUROLOGY & PSYCHIATRY

11 questions to be answered

Illustrate your answer with diagram whenever possible:

Discuss the gross anatomy of the spinal cord (site, age changes, coverings, and fixation). Add a note on its arterial supply.

(Master:20 marks- Diploma13 marks)

Write a note on the thalamic relations and radiations.

(Master:20 marks- Diploma13 marks)

Identify the functional areas on the superolateral surface of the brain. Mention the arterial supply of this surface.

(Master:15 marks- Diploma11 marks)

Describe the floor of the ventricular system of the brain. Add a note on the choroid plexuses of these ventricles.

(Master:20 marks- Diploma13 marks)

END OF THE EXAM

Final Examination:

on Wednesday 17/4/ 2013 at 9.5 o'clock in the Anatomy Department (Second floor)

WITH MY BEST WISHES

Chairman of Department: Prof. Dr. Mona Zoair

ta University
ulty of Medicine
atomy Department
/2013

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



CHEST

11 questions to be answered

Illustrate your answer with diagram whenever possible:

- **Discuss** origin, insertion, nerve supply and action of constrictors of the pharynx. (10 marks)
- **Describe** surface anatomy of the lungs? **Enumerate** stages of lung development and its congenital anomalies. (20 marks)
- **Discuss** the anatomy of intercostal muscles and **mention** their role in the respiratory movements. (15 marks)
- **A. Describe** origin, course and branches of the right coronary artery. (10 marks)
B. Draw a diagram of transverse section through the mediastinum at the level of the upper border of the fourth thoracic vertebra. (5 marks)
- **Discuss** autonomic innervations of the thoracic viscera and **mention** the pathway of thoracic visceral pain. (15 marks)

END OF THE EXAM

Oral Examination:

On **Wednesday 17/4/ 2013** at **9.5 o'clock** in the **Anatomy Department (Second floor)**

WITH MY BEST WISHES

Chairman of Department: Prof. Dr. Mona Zoair

anta University
culty of Medicine
atomy Department
/2013

Pediatrics Master/ Diploma

Number of Questions:5

Time Allowed: 3 Hours

Total: 50 Marks



PEDIATRICS

1 questions to be answered

A. Discuss the source, normal amount, circulation and anomalies of amniotic fluid. (7 marks)

B. Give a note on the endocrine function of the placenta. (3 marks)

A. Enumerate the derivatives of mesonephric tubules and duct in male and female embryo. (5 marks)

3. Explain the development of the thyroid gland. (5 marks)

A. Discuss the cardiac septa that appear during embryonic heart development. (10 marks)

A. Give a note on the processes contributing to face development and their derivatives. (5 marks)

B. Discuss the rotation of the midgut. (5 marks)

Write a note on examination of the newborn baby for external birth defects. (10 marks)

END OF THE EXAM

Final Examination:

on Tuesday 16/4/2013 at 9.5 o'clock in the Anatomy Department (Second floor)

WITH MY BEST WISHES

Headman of Department: Prof. Dr. Mona Zoair

Tanta University

Faculty of Medicine

Anatomy Department

6/4/2013 - 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)

- Deletion
- Mosaicism
- Sex chromosomes.
- Polymorphism

2- Discuss the body patterning (10 marks)

3- Discuss the major human birth defects. (10 marks)

B- EMBRYOLOGY:

1- Give an account on the period of organogenesis. (10 marks)

2- Discuss the formation of the somites. (10 marks)

3- Discuss the gut abnormalities. (10 marks)

4- Give a note on cardiac septa. (10 marks)

5- Discuss the fate of genital ducts in male. (10 marks)

6- Explain the development of the cerebellum. (10 marks)

7- Explain the development of viscerocranium. (10 marks)

END OF THE EXAM

Oral & Practical Examination:

**On Monday 8/4/2013 at 9 o'clock in the Anatomy Department
(Second floor)**

WITH MY BEST WISHES

Chairman of Department: Prof. Dr. Mona Zoair

Santa University
Faculty of Medicine
Anatomy Department
24/4/2013

Audiology Master/ Diploma
Number of Questions: 5
Time Allowed: 3 Hours
Total: 100 Marks



AUDIOLOGY

11 questions to be answered

Illustrate your answer with diagram whenever possible:

1. Describe the boundaries of the Tympanic cavity and discuss the anatomy of the auditory tube. (20 marks)
2. Describe the anatomy of the bony and membranous labyrinth. Add a note on deep origin and functional components of vestibulocochlear nerve. (20 marks)
3. Discuss the anatomy of the external ear. Mention its arterial supply, nerve supply and lymphatic drainage. (20 marks)
4. Discuss the mastoid antrum and mastoid air cells. Outline their clinical anatomy. (20 marks)
5. Explain endodermal derivatives of the pharyngeal pouches. (20 marks)

END OF THE EXAM

Final Examination:

11 Wednesday 24/4/ 2013 at 9.5 o'clock in the Anatomy Department (Second floor)

WITH MY BEST WISHES

Chairman of Department: Prof. Dr. Mona Zoair

anta University
Faculty of Medicine
Anatomy Department
4/2013

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



E.N.T.

11 questions to be answered

Illustrate your answer with diagram whenever possible:

Discuss the origin, insertion and nerve supply of the pharyngeal constrictors. Mention the relations of these muscles. (Master:15 marks- Diploma 7.5 marks)

Describe the upper and lower surfaces of the tongue. Add a note on its blood supply and lymphatic drainage. (Master:15 marks- Diploma:7.5 marks)

Discuss the extrinsic and intrinsic membranes and ligaments of the larynx. (Master:10 marks- Diploma: 5 marks)

Describe the anatomy of the bony and membranous labyrinth. Add a note on the origin and functional components of vestibulocochlear nerve. (Master:20 marks- Diploma 10 marks)

Discuss olfactory pathway. Add a note on the limbic system. (Master:20 marks- Diploma 10 marks)

Explain the development and discuss the congenital anomalies of the face. (Master:20 marks- Diploma 10 marks)

END OF THE EXAM

Final Examination:

on Wednesday 24/4/ 2013 at 9.5 o'clock in the Anatomy Department (Second floor)

WITH MY BEST WISHES

Chairman of Department: Prof. Dr. Mona Zoair