

TANTA UNIVERSITY Internal Medicine Exam
FACULTY OF Medicine Diploma of internal medicine
INTERNAL MEDICINE DEPARTMENT NO. OF QUESTIONS : 4
9/10/ 2016 TIME ALLOWED : 3 h



Paper I

All questions must be answered : (180 Marks)

1- Discuss:

- A) Non-insulin injectables for the treatment of diabetes mellitus. (25 Marks)
B) Discuss in summary non cardiogenic pulmonary edema. (20 Marks)

2- Discuss:

- A) Causes , clinical picture and treatment of gastroesophageal reflux disease. (20 Marks)
B) Deferential diagnosis and treatment of mass in the lung. (25 Marks)

3- Discuss:


- A) Deferential diagnosis of polyarthritis. (25 Marks)
B) Use and abuse of growth hormones in adults. (20 Marks)

4- Discuss:

- A) Causes , complications and treatment of systemic hypertension. (20 Marks)
B) Give an account on definition , causes , clinical features and treatment of proteinuria. (25 Marks)

سيتم عقد الإمتحان الشفوي والاكلينيكي بقسم الامراض الباطنة يومى الاثنين ١٠/٢٤ والثلاثاء ١٠/٢٥
فى تمام الساعة ٨ صباحاً .

Good Luck

Faculty of Medicine	Master Degree & Diploma of Internal Medicine	
Public Health Dept.	<u>Public Health & Community Medicine Exam</u>	
October, 2016	Number of Questions: 4	
<u>The exam in 1 page</u>	Time Allowed: 3 Hours	
	Total: 45 Marks	

Question I:

- a. Define bad news and mention why it is important to acquire the skill of breaking bad news by health care workers? (7marks)
- b. Define an outbreak and enumerate the information needed to confirm the existence of an outbreak. (7 marks)

Questions II: **What is meant by the following?** (10 marks, 2 marks each)

- a. Natural history of diseases
- b. Case fatality
- c. Carriers of infections
- d. Case definition
- e. Population at risk

Question III: Discuss:

- a. Hepatitis B vaccines as regards: (7 marks, 4marks)
 - Type of the vaccine, dose and method of administration.
 - Indications for vaccination and target persons who should be vaccinated.
- b. Diagnosis and Complications of obesity. (7marks)

Question IV: (7 marks)

- a. Enumerate measures of central tendency and measure of dispersion
- b. Calculate measures of central tendency for the following data:
4, 7, 7, 9, 10, 11, 13, 15, 15, 15, 17, 17, 19, 19, 20

With my best wishes to you all

TAHITA UNIVERSITY Internal Medicine Exam
FACULTY OF Nursing Diploma of Internal medicine
INTERNAL MEDICINE DEPARTMENT NO. OF QUESTIONS: 4
3/10/2016 TIME ALLOWED: 3 h



Paper II

All questions must be answered (180 Marks)

1- Discuss :

- A) Non-insulin injectables for the treatment of diabetes mellitus. (20 Marks)
- B) Causes , clinical pictures and diagnosis of hyper function of adrenal glands. (25 Marks)

2- Discuss :

- A) Differential diagnosis of polyarthritis. (25 Marks)
- B) Give an account on definition , causes , clinical features and treatment of proteinuria. (20 Marks)

3- Discuss:

- A) Causes , presentations and management of cirrhosis. (20 Marks)
- B) Causes and management of upper GIT bleeding. (25 Marks)

4- Discuss:

- A) Causes, Complications and investigations of secondary hypertension. (25 Marks)
- B) Clinical picture , Complications and treatment of myocardial infraction. (20 Marks)

Good Luck

Examination for diploma Degree in: Internal medicine
Course Title: MED 7003 Path
Date:3-10-2016
Term: October 2016
Time Allowed: one hours
Total Assessment Marks:45



Tanta University
Faculty of Medicine
Department of:
Pathology

Give an account on:

- | | |
|---|----------|
| 1- Renal lesions in hypertension. | 15 marks |
| 2- Post hepatic cirrhosis. | 15 marks |
| 3- Primary and secondary intestinal tuberculosis. | 15 marks |

يعقد امتحان الشفوي بأذن الله يوم الاثنين ١٠/١٠/٢٠١٦ الساعة العاشرة صباحا

**Chairman of the pathology department
Professor Doctor Afaf Mohammed Elshafei**

Examination for Master and diploma Degree in: Internal Medicine

Course Title: Microbiology & Immunology

Date: 3/10/2016

Term 1st part

Time Allowed: 3 hours (with pathology & clinical pathology)

Total Assessment Marks: 45



Tanta University

Faculty of Medicine

Department of Microbiology
and Immunology

All questions to be answered

Questions Number	Marks
Q1: a. Compare between hot air oven and autoclave as regards principle, temperature and uses. b. Mention the classification of different antibiotics. c. Determine the types and function of different immunoglobulin classes. d. Discuss the mechanism and prevention of anaphylactic shock.	16 marks 4 each
Q2: A 40-year-old patient was presented to the emergency room with sever abdominal pain followed mild left lower abdominal cramps for 3days. On examination, he had fever (38.6), tachycardia and diffuse abdominal tenderness and rigidity with absent bowel sound. In emergency surgery, cloudy peritoneal fluid is collected that revealed anaerobic organism. a) What is the most possible pathogenic organism? b) What is the morphologic appearance of this organism? c) The preferable culture media is? d) The isolated colonies are..... on blood.	8 marks
Q3: Enumerate types and causes of food poisoning then discuss the diagnosis of <i>Staphylococcus</i> cause of it.	6 marks
Q4: <u>Different viruses could be transmitted by sharp injuries of them 3 are most important. Discuss:</u> a. Laboratory diagnosis of the most common one. b. Treatment of the one that is mainly sexually transmitted. a. How can you prevent such problem?	9 marks 3 each
Q5: Discuss: a. Serological diagnosis of brucellosis b. Laboratory diagnosis of aspergillosis	6 makers 3 each

سيتم عقد امتحان الشفوي يوم الاثنين ٢٠١٦/١٠/١٠
بقسم الميكروبيولوجي الساعة العاشرة صباحا

Chairman of Department
Prof. Dr. MOHAMMED ZAHARIA
قسم الميكروبيولوجي
كلية الطب - جامعة طنطا

Tanta University

Faculty of Medicine

Department of clinical pathology

Oct,3, 2016

Diploma Exam

Internal Medicine

Number of Questions: 3

Time Allowed: one Hours

Total:45 Marks



All questions must be answered

- Q1** Discuss etiology , clinical manifestation and laboratory findings of aplastic
Anemia (15)
- Q2** Enumerate serological marker of hepatitis B virus infection and
Their significance . (15)
- Q3** Discuss laboratory assessment of monitoring Diabetes Mellitus and
Its complication (15)

(Note:The oral examination will be held on October 9 th.in clinical pathology department)

Prof Dr Fatma Ghaith
Prof Dr Mohammed Zahra
Prof Dr Mohammed Soilm

Department Chairman

Prof Dr Desouky Abou Ammo

Examination for Diploma in: Internal medicine
Course Title: Histology
Date: 1/10/2016
Term: October
Total Assessment Marks: 15 marks



Tanta University
Faculty of Medicine
Department of:
Histology

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

- | | |
|--|---------|
| Q1 - Give an account on reticulocyte. | 4 marks |
| Q2 – Describe pars nervosa. | 4 marks |
| Q3 - Give full account on villous absorptive cell. | 4 marks |
| Q4 – Draw a labeled diagram of proteosome. | 3 marks |

GOOD LUCK

**Oral exam will be held after the written on
(1 o'clock PM) on the same day(saturday 1-10-2016)**

Chairman of Department
Prof Dr. EHSAN FAROUK SALAH

Tanta University

Diploma of Science in Internal Medicine

Faculty of Medicine

First Part - Anatomy Exam.(MED 7001)

Human Anatomy & Embryology Dep.

Number of Questions: 4

1/10/2016

Time Allowed: 3 Hours

Total: 45 Marks



INTERNAL MEDICINE

All questions to be answered

Illustrate your answer with diagram whenever possible:

1. **Outline** the boundaries of the mediastinum and then **enumerate** the contents of its divisions. (9 marks)
2. **A. Describe** the relations and **identify** the surface anatomy of the stomach. (10 marks)
B. Enumerate the derivatives of the primitive gut tube. (7 marks)
3. **Describe** the relations and blood supply of the thyroid gland. (10 marks)
4. **Mention** the main functional areas of the cerebral hemisphere. (9 marks)

END OF THE EXAM

Oral Examination:

On Sunday 9/ 10 / 2016 at 10 o'clock in the Anatomy Department
(Second floor)

WITH MY BEST WISHES

Chairman of Department: Prof. Dr. Mona Zoair

Examination for Diploma in: Internal medicine
Course Title: Histology
Date: 1/10/2016
Term: October
Total Assessment Marks: 15 marks



Tanta University
Faculty of Medicine
Department of:
Histology

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

- Q1 - Give an account on reticulocyte. 4 marks
- Q2 – Describe pars nervosa. 4 marks
- Q3 - Give full account on villous absorptive cell. 4 marks
- Q4 – Draw a labeled diagram of proteosome. 3 marks

GOOD LUCK

**Oral exam will be held after the written on
(1 o'clock PM) on the same day(saturday 1-10-2016)**

Chairman of Department
Prof Dr. EHSAN FAROUK SALAH

Diploma Internal Medicine Exam.

Pharmacology department

Date: 1-10-2016

Faculty of Medicine

Time allowed: 1 hour

Tanta University

Number of Questions: 3

Total : 45 marks



Answer all the following questions

Give an account on: [15 marks]

1- Give an account on: [15 marks]

- a- Garamycin (mode of action, adverse effects).
- b- Prokinetic drugs (mode of action, uses).
- c- Cortisone (mode of action, adverse effects).

2- Mention the lines of treatment of the following: [24 marks]

- a- Typhoid fever.
- b- Anaphylactic shock.
- c- Diabetic coma.
- d- Aspirin toxicity.

3- Give reason: [6 marks]

- a- Non selective β -blockers are contraindicated in diabetic patients.
 - b- Warfarin is contraindicated in pregnancy.
 - c- Diuretics (loop diuretics and thiazides) should be used with caution in cases of decompensated hepatic cirrhosis.
- =====

GOOD LUCK

امتحان الشفوى بالقسم الإثنين ٢٠١٦ / ١٠ / ١٠ الساعة ٩ صباحا

TANTA UNIVERSITY Internal Medicine Exam
FACULTY OF Nursing Diploma of internal medicine
INTERNAL MEDICINE DEPARTMENT NO. OF QUESTIONS- 3
17/10/2016 TIME ALLOWED: 3 H



Paper I

All Questions must be answered : (3 questions) 180 Marks :

1- A) 29-year-old man presented with spontaneous bruising of his legs and arms. He had three recent attacks of epistaxis but no other bleeding. He was not taking any drugs and there were no physical signs apart from bruises and scattered petechiae on his legs. The spleen was not palpable. Investigations: haemoglobin 13gm/dl, white cell count 5.400 per mm³, platelet count 10.000 per mm³, ESR 6mm h_{1st}, direct coombs' test was negative. Antinuclear and DNA-binding antibodies and rheumatoid factor were absent. Bone marrow contained an increased number of normal megakaryocytes but was otherwise normal.

1. What is the probable diagnosis and explain? (15 Marks)
2. What is the treatment for this patient? (15 Marks)

B) Mention definition and describe clinical picture and investigations of chronic myeloid leukaemia. (15 Marks)

C) Enumerate:

1. 5 contraindications of oral anticoagulant therapy. (5 Marks)
2. 5 complications of sickle cell anemia. (5 Marks)
3. 5 causes of neutropenia. (5 Marks)

2- A) Describe causes , clinical picture and investigations of acute tubular necrosis. (25 Marks)

B) Mention definition , aetiology and stages of chronic kidney disease. (20 Marks)

C) Enumerate :

1. 5 complications of haemodialysis. (5 Marks)
2. 5 non glomerular causes of haematuria. (5 Marks)
3. 5 investigations to diagnosis reflux nephropathy. (5 Marks)

3- A) Discuss aetiology, clinical pictures, investigations and treatment of pleural effusion. (20 Marks)

B) Discuss aetiology of bronchogenic carcinoma. (20 Marks)

C) Mention side effects of anti tuberculous drugs. (20 Marks)

إمتحان الشفوى والإكلينيكي بقسم الامراض الباطنة

يوم الاثنين الموافق ١٠/٢٤ الساعة الثامنة صباحاً

Good Luck

TANTA UNIVERSITY Internal Medicine Exam
FACULTY OF Medicine Diploma of internal medicine
DEPARTMENT OF MEDICINE (60) OF QUESTIONS
OF TIME ALLOWED: 1.5



Paper II

All questions must be answered: (180 Marks)

1- Discuss:

- A) Mention causes and describe clinical picture of hemolytic anemia. (25 Marks)
- B) Clinical picture and diagnosis of autoimmune hepatitis. (20 Marks)

2- Discuss:

- A) Acute kidney injury (causes and diagnosis) (20 Marks)
- B) Cardiovascular manifestation of collagen disease. (25 Marks)

3- Discuss:

- A) Causes and diagnosis of acute loss of vision. (25 Marks)
- B) Causes, diagnosis and treatment of monoarthritis. (20 Marks)

4- Discuss:

- A) Management of acute asthma. (25 Marks)
- B) Opportunistic infections in HIV. (20 Marks)

Good Luck

Tanta University
Faculty of Medicine
Department Of Medical Biochemistry

**First part examination (Medical Biochemistry) for Diploma in Internal
Medicine**

Time allowed: one hour

13/10/2016

Write on the following items

- 1. Indication of Gene therapy**
- 2. Hormonal changes in the obesity**
- 3. Biochemical changes in type II diabetes**

Good luck

Oral examination please refer to the department



Tanta University
Faculty of Medicine
Department of physiology

Examination for (Diploma Internal Medicine)

Course title: Physiology

Total assessment marks: 75

Time allowed: Three hours

Date: 13/10/2016

Term: Final

All the questions are to be answered:

1- **Discuss:** Factors affecting erythropoiesis, types and causes of anemia.

(40 marks)

2- **Discuss the following:**

a. Types of intestinal motilities. (20 marks)

b. Function of gall bladder. (15 marks)

إمتحان الشفهي يوم الأربعاء الموافق 2016 /10/26 في قسم الفسيولوجي الساعة الثامنة صباحا