

Tanta University
Faculty of Medicine
Medical Biochemistry Department

Date: 21 -8 - 2019

Biochemistry Exam. For Internal Medicine M.S.

.....

1) Write on the following:

1. Insulin resistance in type II diabetes.
2. Gene therapy.
3. Biochemical aspect of obesity.

Good Luck

سيعد الامتحان الشفوي بمشيئة الله بمراجعة القسم

Exam for M.Sc in: Internal Medicine
Course Title: Histology
Date: 17/8/2019
Term: August
Total marks: 15 marks

Tanta University
Histology Department
Faculty of Medicine

Answer all of the following questions and illustrate your answers with diagrams

Give an account of:

- 1- Draw only a labelled diagram of proteasome. (4 marks).
- 2- Stab (immature) neutrophil. (3 marks)
- 3- Liver acinus. (4 marks)
- 4- Proximal convoluted tubule. (4 marks)

GOOD LUCK

الامتحان الشفوي الساعة 1.30 بعد الامتحان التحريري مباشرة.

Examination for Master Degree in: Internal Medicine

Course Title: Microbiology & Immunology

Date: --2/ 9 /2019

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

Q1: Enumerate:

- a) Levels of disinfectants (2 marks)
- b) Complications of antibacterial drugs (3 marks)

Q2: Give short account on the following (4 marks each)

- a) Discuss the mechanism of anaphylactic hypersensitivity reaction
- b) Factors influencing antigenicity or immunogenicity
- c) uses of Monoclonal antibodies

Q3: Define Nosocomial infection with examples (3 marks)

Q4: (5 marks)

A 35-years old female presented with sudden onset of dysphagia, diplopia and weakness after eating canned fish. There is no accompanying vomiting, diarrhea or fever. On examination, flaccid paralysis and reduced deep tendon reflexes were revealed.

- a. What is the most likely case diagnosis?
- b. The causative organism is..... and its virulence depends on.....
- c. How would you confirm the presumptive diagnosis?
- d. How to treat this condition?

Q5: Discuss the following: (5 marks each)

- a) virulence factors of *Staphylococcus aureus*
- b) in Table Differentiate between *strept.pyogenes* & *strept virridans*

Q 6: Discuss the following

- a) Laboratory diagnosis for influenza virus (4 marks)
- b) Vaccination against HBV (3 marks)
- c) Laboratory Diagnosis of Candida infection (3 marks)

Head Of The Department
Dr / Mohamed Zakaria

Tanta University
Faculty of Medicine

Clinical Pathology Department

02 September 2019



MSC Internal medicine
Clinical Pathology Department

Total Marks: 45

Time Allowed: 1 Hour

Give short account on : (7.5 each)

- 1- Urinary albumin excretion
- 2- Laboratory assessment of diabetic nephropathy
- 3- Cardiac troponins
- 4- FAB classification of AML
- 5- Morphological classification of anaemia.
- 6- Causes and laboratory diagnosis of DIC

ملحوظة: لجنة الشفوي يوم الأربعاء 4 سبتمبر 2019

لجنة الممتحنين:
ا.د. منال عيد
ا.د. ثريا بدوي
ا.د. محمد عطية

GOOD LUCK

TANTA UNIVERSITY-----Internal Medicine Exam
FACULTY OF Medicine----- MSof Audiology (Internal Medicine exam)
INTERNAL MEDICINE DEPARTMENT-----NO. OF QUESTIONS: 7 short essay
2/9/ 2019 -----TIME ALLOWED: 3 h



All questions must be answered.

- 1- Discuss causes and clinical picture of diabetic ketoacidosis (5 marks)
- 2- Mention main investigations of a case of systemic lupus erythematosus (5 marks)
- 3- Discuss main causes and management of upper GIT bleeding (10 marks)
- 4- Classification of Hypercoagulable state (3 marks)
- 5- Mention the main line of treatment of a case of COPD (2 marks)
- 6- Discuss Causes of neurogenic deafness (10 marks)
- 7- Discuss Cerebello-pontine angle syndrome etiologies (10 marks)

امتحان الشفوي والأكلينيكي بقسم الامراض الباطنة الداخلي يوم

الثلاثاء الموافق 3 سبتمبر الساعة الثامنة صباحا

Good luck

Tanta university
Faculty of medicine
Department of Anatomy and Embryology



ANATOMY EXAMINATION FOR MASTER OF SCIENCE IN
Internal medicine

Date: (17/8/2019) Total marks: (45 Marks) Time allowed: (Three hours)
Numbers of questions: 5

INTERNAL MEDICINE

All questions to be answered

1. Outline the surface anatomy of the heart and discuss its arterial blood supply. (11 marks)
2. Describe the relations of different parts of the duodenum. (11 marks)
3. Discuss the blood supply of the thyroid gland. (8 marks)
4. Discuss the ventricular system of the brain and CSF circulation (8 marks)
5. Mention the parts of the primitive heart tube, and then mention the fate of each part.(7 marks)

END OF EXAM

Oral Examination: 3 sept at 10 am.

In the Anatomy Department (Second floor)

Best Wishes

Committee of the anatomy exams

Prof. Dr. Manal Elsawaf - Prof. Dr.Mona Attia - Prof. Dr.Maysa Fahmy