

Biochemistry Exam. For Internal Medicine Diploma

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1) Write on the following:

1. Biochemical aspect of DM type I.
2. Applications of PCR.
3. Hormonal change in obesity.

Good Luck

سيعد الامتحان الشفوى بمشيئة الله بمراجعة القسم

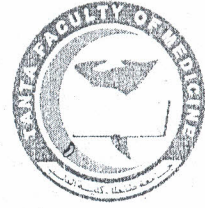
Examination for Diploma of Internal Medicine

Course Title: Clinical pathology

Date : 2/9/2019

Time Allowed : 1.0 hour

Total marks : 45 marks



Tanta University
Faculty of Medicine
Department of Clinical Pathology

All questions must be answered :

Q1 – Write on the classification and diagnosis of acute myeloid leukemia. (11 marks)

Q2 – Enumerate the causes of :

- a- Eosinophilia (6 marks)
b- Lymphocytosis (6 marks)

Q3- Write short notes on

- a- The causes of Hypercholesterolemia (5 marks)
b- Clinical significance of aminotransferases enzymes. (7 marks)
c- Classification of Tumor markers (5 marks)
d- Laboratory tests for renal function evaluation (5 marks)

Good luck

الامتحان الشفوي : في قسم الباثولوجيا الاكلينيكية

Examination for Diploma 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

All questions to be answered



Tanta University

Faculty of Medicine

Department of Microbiology
and Immunology

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?

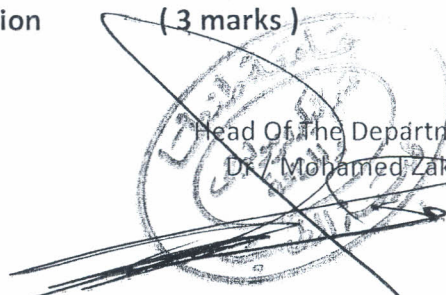
Q5: Discuss the following (5 marks each)

- 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





Questions numbers	Marks
I-Give an account on:	(20)
1- Causes and sites of thrombosis.	10
2- Complications of bilharzial hepatic fibrosis.	5
3- Prognostic factors of malignant tumors.	5
II-Discuss:	
Types of jaundice (causes and pathologic features).	(10)
III- Give an account on:	(15)
1- Gross and microscopic picture of ulcerative colitis.	10
2- Renal lesions in diabetes mellitus.	5

يُعقد امتحان الشفوي باذن الله يوم الاربعاء 4-9 الساعة العاشرة صباحا

Examination Committee:

Prof Dr. Samir Mena

Prof. Dr. Zeinab EL-Gendy

Prof. Dr. Maha Shamlola

Prof. Dr. Mona Abd EL-Haq

Ass. Prof. Dr. Ayman El-Saka