

Tanta University
Faculty of Medicine
Clinical Oncology Department

Time allowed : 3 Hours

13/10/2016

M.D. Exam

Clinical Oncology & Nuclear Medicine

Optional Determinant

All Questions should be answer:

	Marks
1- Nutritional support in cancer patients.	30
2- Chemotherapy induced nausea and vomiting.	25
3- Metabolic disorders during radio-chemotherapy.	25
4- Surgical oncologic emergencies	20

Good luck..



All questions must be answered:

		Marks
Q 1	a- Discuss metabolic syndrome as a major risk factor for the development of cardiovascular disorders.	15
	b- Give an account on laboratory assessment of cholestatic liver disease.	10
Q2	a- Discuss causes, pathogenesis and lab assessment of acute pancreatitis.	15
	b- Give an account on metabolic biomarkers of chronic kidney diseases.	10
Q3	a- Discuss signaling and gene expression of endocytosis and phagocytosis.	15
	b- Give an account on T-cell subsets & its clinical significance.	10
Q4	a- Discuss causes, pathogenesis and prevention of gangrenous limb due to infection.	10
	B-Case:	15
	A 22-year-old male, recently incarcerated and now homeless, has received one week of clarithromycin for low grade fever and left upper lobe pneumonia. He has not improved on antibiotics with persistent cough productive of mucopurulent sputum. Repeated chest Xray suggested a small cavity in the left upper lobe.	
	1. Mention differential diagnosis, laboratory investigations of this case	
	2. Describe methods of infection control, prophylaxis and treatment	

Department Chairman

Tanta University
Faculty of Medicine
Clinical Oncology Department

Time allowed: 3 Hours

9/10/2016

M.D. Exam

Clinical Oncology & Nuclear Medicine

1st paper

All Questions should be answer:

	Marks
1- Low grade glioma.	25
2- Multimodality treatment for hormone-naïve metastatic prostatic carcinoma.	25
3- Targeted therapy in gynecological carcinoma.	15
4- Primary CNS lymphoma.	20
5- Unresectable HCC.	15

Good Luck.

Examination for MD Degree in clinical oncology
Course Title: TEMD 04-A18 Path
Date: 16/10/2016
Term: october 2016
Time Allowed: 3 hours
Total Assessment Marks: 100



Tanta University
Faculty of Medicine
Department of:

Questions Number	Marks
Q1 - What about cells of immune system.	20-----
Q2 - what about hyperplasia, types & differences from neoplasia	20-----
Q3 - Discuss role of immunophenotyping in diagnosis of lymphoma.	20-----
Q4 - Descibe pathology of bronchogenic carcinoma..	20-----
Q5 - Give an account on Carcinoid tumour.	20-----



Tanta University

Faculty of Medicine

Clinical Pathology Department

MD Exam 2nd paper, Hematology

Time Allowed: 3 hours

Total Marks: 100 (16/10/2016)

**All questions must be answered*

I. Discuss diagnosis, differential diagnosis and cytogenetic abnormalities of myelodysplastic Syndrome. (25 marks)

II. Write on:

- a. Erythropoietin receptor: Structure, function and regulation. (15 marks)
- b. Erythroid hyperplasia of bone marrow. (15 marks)

III. Give short account on molecular pathogenesis, diagnosis and differential diagnosis of Mantle cell lymphoma. (20 marks)

IV. Write on positive feed-backs of coagulation and explain its role in threshold regulation. (20 marks)

V. A 49-year-old woman with a history of SLE and hypertension was admitted with a urinary tract infection and possible pyelonephritis. She was started on IV antibiotics and SC heparin for DVT prophylaxis. On the 5th hospital day she developed a platelet count of 66,000/ μ l when it had been normal previously. (5 marks)

- a. What are the probable causes of that thrombocytopenia?
- b. What are the laboratory investigations to confirm each probability?

Good Luck

Prof. Fatma Ghaith

Prof. Aisha Abdullatif

Prof. Nahed Elwan

Prof. Manal Eid

Head of Department

Prof. Desouky Abou Ammo

Tanta University
Faculty of Medicine
Clinical pathology Department
Date: 16/10/2016

MD Degree Examination
Number of Questions: 5
Time Allowed: 3 Hours
Total: 100 Marks



Second paper (MD degree) (For main chemistry)

Q1 Discuss protein energy balance markers? (20 marks)

Q2 Write short notes on:

a- Micro RNAs ? (10 marks)

b- Cryoglobulins ? (10 marks)

Q3- Write on:

a- Endocrinal role in intra cytoplasmic sperm injection (ICSI) ? (10 marks)

b- Insulin and its clinical significance ? (10 marks)

Q4- Talk about clinical significance of the following :

a- Lipid peroxidation ? (10 marks)

b- Tumour markers in cancer breast ? (10 marks)

Q5- Discuss the metabolic sequale of the following:

a- Selenium ? (10 marks)

b- Respiratory failure ? (10 marks)

اللجنة:

د. محمد احمد مراد
د. هناء نوفل
د. امل حلمي
د. امل البنداري

رئيس قسم الباثولوجي الاكلينيكيه

د. دسوقي ابو عمرو