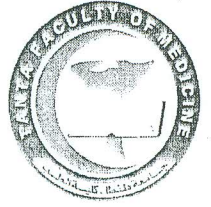


Course Title : Clinical Pathology
First Part M.Sc and Diploma of Internal Medicine
Date: 20/10/2012
Term: October 2012
Time Allowed: 3 hours
Total Assessment Marks: 25



Tanta University
Faculty of Medicine
Clinical Pathology Exam

All questions must be answered

Q1:
Describe laboratory findings in a case of aplastic anemia. 6

Q2 :
Discuss laboratory diagnosis of a case with ALL. 7

Q3:
Tabulate differential diagnosis of a case with Jaundice. 6

Q4:
Mention laboratory findings in acute nephritic syndrome (AGN). 6

Good Luck

ميعاد امتحان الشفوى يوم الاربعاء الموافق ٢٠١٢/١١/٧ الساعة العاشرة صباحا

Examination for (MscD Clinical Pathology)
Course Title: 1st Paper (Clinical Chemistry)
Date: 13/10/2012
Term: October 2012
Time Allowed: 3 hours
Total Assessment Marks: 40



Tanta University
Faculty of Medicine
Department of Clinical Pathology

b) Discuss Pheochromocytoma and its laboratory assessment

Q2:

- a) Microvascular complications of diabetes mellitus: Mention etiopathogenesis and laboratory assessment.
- b) Causes and laboratory assessments of hypercalcemia
- c) Methods of determination of enzyme activity

Q3:

- a) How to evaluate tubular function tests and its clinical significances.
- b) Discuss the role of dyslipidemia in Coronary Heart Disease
- c) Give an account on acute phase proteins and their clinical significances.

Examination for (MsD Clinical Pathology)
Course Title: 1st Paper (Clinical Chemistry)
Date: 13/10/2012
Term: October 2012
Time Allowed: 3 hours
Total Assessment Marks: 40



Tanta University
Faculty of Medicine
Department of Clinical Pathology

All questions must be answered

Q1:

a) Case report

A 65 years old woman was admitted to hospital with severe abdominal pain that had begun two hours earlier. She was not taking any drugs. On examination, she was shocked and a distended rigid abdomen; neither femoral pulse was palpable.

Investigations:

-Hydrogen ions:	85 nmol/L
-PH:	7.25
-PCO ₂ :	3.5 KPa (26.3 mmHg)
-PO ₂ :	12 KPa (90 mmHg)
-HCO ₃ ⁻ :	12 mmol/L
-Na ⁺ :	130 mmol/L
-K ⁺ :	5.5 mmol/L
-Cl ⁺ :	92 mmol/L

a- Calculate anion gap and comment?

b- Describe this patient's acid base status and give explanation to abnormal results?

c- What is the favorite sample for doing blood gases and electrolytes for this patients?

Examination for (MscD Clinical Pathology)
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Tanta University
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