



Tanta University
Faculty of Medicine

Forensic Medicine & Clinical Toxicology Department

M.S.c Examination in M.S.C. Forensic Medicine & Clinical Toxicology 1st part

(تزييف و تزوير – كيمياء طبية شرعية)

11/10/2014

Time allowed: 3 hrs.

(12 marks)

أولا ناقش ما يلي:

- 1- الشروط الواجب توافرها بأوراق المضاهاة.
- 2- أسس اجراء عملية المضاهاة الفنية.
- 3- هل الكتابة هي في الأصل كتابة يدوية.
- 4- بعض الأمراض كعامل مؤثر على مميزات الكتابة.

ثانيا: ضع علامة صح على الاجابة الصحيحة و علامة خطأ على الاجابة الخاطئة مع ابداء المبرر في

(9 marks)

الحالتين:

- 1- وجود شوانب بالجرات الخطية للتوقيع يؤكد تزويره.
- 2- المميزات الخطية العامة هو الأساس الذي تقوم عليه عملية المضاهاة الفنية.
- 3- الاستكتاب وحده لا يكفي كعينة للمضاهاة.

(4 marks)

ثالثا اذكر مواصفات العملة الورقية المزيفة.

Good luck

(Forensic Chemistry Examination) October , 11, 2014

Q. No. 1:

(30) marks

LC-MS represent the most advanced technique to be applied in the field of forensic chemistry. Discuss briefly the theoretical principles of each of liquid chromatography, mass spectroscopy and their combination as LC-MS.

Q. No. 2:

Write Short account on each of the following

(20) marks.

1- Laboratory treatment of each of the following specimens :

- a- Blood specimens
- b- Urine specimens
- c- Hair specimens

2-Different factors affecting the choice of suitable analytical method for isolation and identification of poisons.

3-Principals and application of UV/ Visible spectroscopy in forensic chemistry.

4- Application of IR spectroscopy in the field of poison identification.

GOOD LUCK

Examination for Master Degree in: Forensic medicine .
Course Title ; TMED 3-A21 Path.
Date: 13 -10 -2014.
Term:
Time Allowed:
Total Assessment Marks:



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Faculty of Medicine
Department of:

Questions Number	Marks
Q1 Discuss: -Causes of renal failure ,and its complications with special reference to indications for kidney transplantation,when a decision is made ? And what are the complications of kidney transplants ?.	-----
Q2 Give an account on : -Histochemical and histological changes develops in wounds that help in dating of wounds -Dating of subdural haematoma .	-----
Q3 Give short notes on : -Radiation injury on cells ,with special interest on hazards of laser in treatment . -Causes of sudden unexpected death . -Methodes by which graft antigens reach the host ,.	-----
Q4 Discuss : - Fate and complications of acute suppurative inflammation . -Type 1 hyper sensitivity reaction .	-----

GOOD LUCK.