

Tanta University  
Faculty of Medicine  
Department of Neuropsychiatry  
MD Psychiatry  
Psychiatry written exam  
October 30, 2021



---

**Psychiatry written examination**

**First paper**

All questions should be answered

Number of questions: 6

Time allowed: Three hours

**Answer the following questions: -**

- 1 Discuss: cognitive deficits in schizophrenia
- 2 Comment on: current status of the use of biomarkers in psychiatric practice
- 3 Discuss: culture-bound syndrome
- 4 Discuss the psychiatric aspects of rape
- 5 Refractory OCD, possible etiology, criteria, and management.
- 6 Discuss mixed specifier in diagnosis of depression and bipolar disorders, past and future.

**Good Luck**

Tanta University

Faculty of Medicine

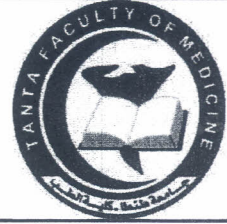
Neurosurgery Department

October, 30, 2021

*MD Neurosurgery 2<sup>nd</sup> part*  
(Two essay questions and 60  
MCQs; 260 marks)

Time Allowed: Three Hours

Paper I



Please, answer the following Questions

- Stereotactic Neurosurgery: patient selection, different techniques and complications [70 marks]
- Management algorithm of Scoliosis [70 marks]

Best of Luck

**Tanta University**  
**Faculty of Medicine**  
**Neuropsychiatry Department**

**M.D. Psychiatry**  
**October 2021**  
**Time: one & half hour**

**Commentary**  
**(Two Pages)**

A 41-year-old female, is the youngest and the only female of 4 siblings. Her family belongs to high socio-economic class. She was spoiled and her family used to tell her that she is the most beautiful girl in the family because she is blond with coloured eyes. During adolescence she became very interested in fashion, makeup and going to the sporting club. She was very happy to receive the comments of men that she is unique. She got married at the start of her university education. She completed her university education successfully. She got 2 offspring; a boy and a girl.

Her mother and sister are suffering from major depression that comes and goes.

Her husband who is a big boss, used to accuse her of being preoccupied by her beauty and seductive. On the other hand, she blames her husband of being suspicious, jealous and with ego-inflation.

Three years ago, her daughter got married and the family left Tanta and settled in Alexandria. Six months later, her neighbours in Tanta got a flat in Alexandria in the same street where they live.

When she knew that, she became very angry and said “why they are following us, they came to ruin my life”. She believes that those neighbours are jealous of her for many years ago for several reasons. She believes 100% that they are spying on her and putting instruments near-by her home for this purpose.

While she is at home, she heard the voice of the husband of that family threatening her several times. She started to speak in the voice of that man saying “we will never leave you” almost weekly.

She met the wife of that neighbour in the street by chance, she ran away because she believed that her neighbour will throw caustic material on her face.

Her daughter denied what her mother is saying and added “there is nothing wrong there”.

At the start, her husband and her son were not convinced that their neighbours have a plan against them. Little by little, they began to have the same thoughts.

At one time, the husband of that family visited her husband at work asking his help to solve a problem in electricity company. Her husband believed that the neighbor came in order to investigate the place to carry out the plot. On the same day, her husband went to the police and made a complaint.

Her son tried to avoid meeting the members of that family, although they were friends in the past.

The patient got 4 attacks of wandering outdoors for several hours, and in two of them she came back to Tanta. In each time she returned back home safely. The patient reported that during these attacks she forgets everything, especially the plot of her neighbours.

She is refusing to take the medications, refusing the idea of mental illness.

Her son suggested migrating abroad after getting his university degree to abort the plot.

Her husband agreed and added that this is the only way to escape from the hell.

**Comment.**

**Good Luck**

Tanta University  
Faculty of Medicine  
Department of Neuropsychiatry  
MD Psychiatry  
Psychiatry written exam  
October ~~30~~ 2021  
6-11-2021



---

**Psychiatry written examination**

**Second paper**

All questions should be answered

Number of questions: 6

Time allowed: Three hours

**Answer the following questions: -**

- 1 Discuss: Serotonin syndrome
- 2 Discuss differential diagnosis of youth impulsivity.
- 3 Give an account on social phobia in Arab culture.
- 4 Discuss approach in diagnosis and management of treatment resistant depression
- 5 Put a plan for management of patients with cannabis use disorder
- 6 Pathological narcissism and narcissistic personality disorder. Discuss underlying psychopathology, differential diagnosis, and management.

**Good Luck**

Tanta University

Faculty of Medicine

Neurosurgery Department

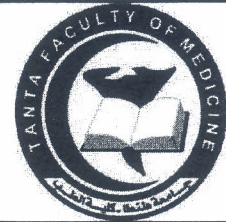
November ,6<sup>th</sup> , 2021

*MD Neurosurgery, 2<sup>nd</sup> part*

(Three essay questions; 260  
marks)

Time Allowed: Three Hours

Paper II



**Please, answer the following questions:**

- Approach to the comatose patient. [100 marks]
- Management algorithm of failed back syndrome [100 marks]
- Carpel tunnel syndrome; management, complication and avoidance. [60 marks]

Best of luck

Tanta University

Faculty of Medicine

Neurosurgery Department

October, 27<sup>th</sup>, 2021

*MD Neurosurgery*

(Three questions pathology  
and 3 questions anatomy; 100  
marks)

Time Allowed: Three Hours

Anatomy & Pathology



Please, answer the following Questions

#### PATHOLOGY

- Diffuse Axonal injury [20 marks]
- Pyogenic infections of the brain [15marks]
- Pathologic and Epidemiologic Findings of Intramedullary Spinal Cord Tumors [15marks]

#### ANATOMY

- Microsurgical anatomy and variations in the median nerve and surgical exposure [20 marks]
- Microsurgical anatomy of the ligamentous system of the upper cervical spine [15marks]
- Microsurgical anatomy of the posterior inferior cerebellar artery [15 marks]

Best of luck

Tanta University

Faculty of Medicine

Neurosurgery Department

October, 23<sup>th</sup>, 2021

*MD Neurosurgery*

(Three essay questions; 100 marks)

Time Allowed: Three Hours

Paper II



**Please, answer the following questions:**

- Coiling versus clipping for cerebral aneurysm management [25 marks]
- Dynamic spine fixation [25 marks]
- Surgery of meningiomas in elderly: indications, risks and predictions of outcome [25 marks]
- CSF fistula: management algorithm [25 marks]



Tanta University  
Faculty of Medicine  
Neurosurgery Department

*MD Neurosurgery*  
(Two cases; 200 marks)  
Time Allowed: 1.5 Hours

November, 13<sup>th</sup>, 2021

Commentary



**Case I: [120 MARKS]**

A 20 years old female who was very intelligent talented university student was involved in a turn over MVA. She was a restrained passenger sitting next to the driver seat.

She experienced transient loss of consciousness and was transferred to a primary hospital for first aid. She was reported by the ER doctor as following commands, having incoherent speech, but moving all 4 limbs. The only investigation done there was plain x rays of the skull and was referred to another hospital with a neurosurgery speciality.

At the second hospital, she was seen by a neurosurgeon. Examination showed that the patient had spontaneous eye opening, no sounds and right hemiparesis. The left pupil was dilated with sluggish reaction with evidence of eye ecchymosis. There was also bleeding per left ear. Urgent CT brain was done and revealed a small left temporal extracranial extradural hematoma. The patient was given a bolus of mannitol followed by furosemide and was prepared for urgent surgery. however, the patient family refused and then transferred to another hospital.

After 4 hours of the MVA, the patient arrived at the new hospital and reassessed by a neurosurgeon and ICU specialist. At that point, the clinical state was:

Stable vital signs with regular respiration and normal arterial blood gases. Neurologically; spontaneous eye opening, following commands, dense right hemiparesis and no sounds. Left pupil was dilated and sluggish in reaction with evidence of eye ecchymosis. There was also bleeding per left ear.

- 1. Would you like to add further investigations?**
- 2. Do you think that there is association between sinus surgery and the present condition of the Guy?**
- 3. What is your management algorithm?**