

**Master Degree**  
**Psychology written examination-**  
**Time : 2 hours**  
**12/6/2021**

**Answer the following questions:**

- 1- What are the factors affecting intelligence.( 22.5)
- 2- Discuss the role of amygdale in behavior.(22.5)
- 3- Psychology of hospitalization.(22.5)
- 4- Components of thinking and steps of problem solving.(22.5)
- 5- Discuss stages of psychosexual development.(22.5)
- 6- Physiology of attention, types and disorders.(22.5)
- 7- Mention stages of cognitive development with details of the first two stages.(22.5)
- 8- Mention five defense mechanisms and discuss two of them.(22.5)

**GOOD LUCK**

Tanta University

Faculty of Medicine

Neurosurgery Department

June, 5<sup>th</sup>, 2021

*MS Neurosurgery*

(Three essay questions; 180  
marks)

Time Allowed: Three hours

Paper II



All questions must be attempted

- 1] Posterior fossa cysts; differential diagnosis and management [60 marks]
- 2] Fractures affecting the 1<sup>st</sup> lumbar vertebra [60 marks]
- 3] pneumocephalus; causes, clinical features, avoidance and management plan. [60 marks]

**Master Degree**  
**Psychiatry written examination-**  
**Time : 2 hours**  
**5/6/2021**

**Answer the following questions:**

- 1- Discuss differential diagnosis of periodic psychosis. (22.5)
- 2- Discuss causes and management of delirium due to general medical condition.(22.5)
- 3- Discuss management of social phobia. (22.5)
- 4- Discuss side effects of first generation antipsychotics and ways of management.(22.5)
- 5- Discuss borderline personality disorder, clinical picture and management.(22.5)
- 6- Cocaine: etiology of use, pharmacological effect, disorders ant treatment.(22.5)
- 7- Discuss differential diagnosis of binge eating.(22.5)
- 8- Prevalence, diagnostic criteria and management of nocturnal enuresis.(22.5)

**GOOD LUCK**

Neurology examination for Neurosurgery

Answer the following questions:

1. Discuss Evidence-Based management of acute ischemic stroke
2. Give an account on brain edema: etiopathogenesis and management
3. Discuss update management of Parkinson's disease
4. Discuss diagnostic approach in Paraplegia
5. Describe clinical presentation and differential diagnosis of primary headache disorders



Tanta University  
Faculty of Medicine  
Department of Neuropsychiatry

Master Degree  
Neurology written examination – Paper I  
May 17, 2021

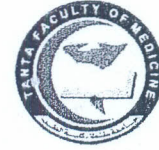
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All questions should be answered  
Number of questions:  
Time allowed: Three hours

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- 1- Discuss the management of acute ischemic stroke. (12.5%)
- 2- Types and clinical manifestations of neurofibromatosis (12.5%)
- 3- Discuss management of neuromyelitis optica spectrum disorder. (12.5%)
- 4- Describe the clinical types of Chiari malformation. (12.5%)
- 5- Differential diagnosis, investigations and treatment of immune-mediated optic neuritis. (12.5%)
- 6- Differential diagnosis of ataxia with polyneuropathy. (12.5%)
- 7- Discuss facial diplegia (12.5%).
- 8- Give an account on migraine prevention therapy (12.5%).

Good Luck



Tanta University  
Faculty of Medicine  
Department of Neuropsychiatry

**Master Degree**  
**Neurology written examination – Paper II**  
May 19, 2021

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All questions should be answered  
Number of questions:  
Time allowed: Three hours

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- 1- Tuberculous meningitis: CSF findings and treatment. (12.5%)
- 2- Diagnostic approach to a case of diplopia. (12.5%)
- 3- Discuss cervicogenic headache. (12.5%)
- 4- Give an account on gait biomechanics in multiple sclerosis (12.5%).
- 5- Anisocoria: clinical approach (12.5%).
- 6- Give an account on the non-motor manifestations of Parkinson disease (12.5%).
- 7- Clinical manifestations and DD of posterior circulation infarctions (12.5%).
- 8- Give an account on different types of parasomnias (12.5%).

Good Luck



Master Degree  
Psychiatry written examination-  
Second paper  
Time : 3 hours  
2/6/2021

Answer the following questions:

- 1- Parasomnias: types and treatment.(12.5%)
- 2- Atypical antipsychotics; common side effects and mechanism of action.(12.5%)
- 3- Types and management of delusional disorders.(12.5%)
- 4- Cocaine use and related disorders.(12.5%)
- 5- \Erectile disorders and their management.(12.5%)
- 6- Attention deficit hyperactivity disorder: etiology , clinical picture and treatment.(12.5%)
- 7- Thyroid dysfunction related psychiatric disorders.(12.5%)
- 8- Comment on Neuroleptic malignant syndrome.(12.5%)

**Good LUCK**



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

**Master Degree  
Neurology written examination  
June 1, 2021**

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All questions should be answered  
Number of questions:  
Time allowed: Three hours

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- 1- Discuss the treatment of myasthenia gravis. (12.5%)
- 2- Primary CNS vasculitis: definition, types and diagnosis (12.5%).
- 3- Discuss management of brain edema. (12.5%)
- 4- Describe the clinical variants of Prion diseases. (12.5%)
- 5- Discuss how to assess disease modifying therapy success in the treatment of multiple sclerosis (12.5%).
- 6- Differential diagnosis of polyneuropathy mainly affect upper limb. (12.5%)
- 7- Clinical presentations of neurogenic bladder (12.5%).
- 8- Inflammatory myopathies: diagnosis, differential diagnosis and treatment. (12.5%)

Good Luck



Faculty of Medicine

Neurosurgery Department

June, 1<sup>st</sup>, 2021

(Three Essay Questions, 200 marks)

Time Allowed: Three hours

Paper I



All questions must be attempted

1] Severe head injuries; definition, emergency room management, definitive neurosurgical management [70 marks]

2] Unilateral foot drop; differential diagnosis and management algorithm [40 marks]

3] Positions prior to neurosurgical procedures; types, steps, precautions, possible complications of each and management. [70 marks]