

Exam for Master Degree in: Neuropsychiatry
Course Title: Histology
Date: 10/4/2017
Term: April
Total marks: 25 marks



Tanta University
Histology Department
Faculty of Medicine

Answer the following questions and illustrate your answers with diagrams:

- 1- Give an account on ribosomes. 6 marks
- 2- Describe neutrophil. 6 marks.
- 3- Supra renal cortex. 6 marks.
- 4- Perikaryon of nerve cell. 7 marks.

الامتحان الشفوي بعد الامتحان التحريري يوم -10-4-2017

GOOD LUCK

Tanta University

Psychology exam

Faculty of medicine

April, 2017

Neuro-psychiatry department

Time allowed 3 hours

Master degree (first part)

Q-1 Comment on school of gestalt psychology . (12.5%)

Q-2 Mention in short

- "Margaret Mahler" stages of separation-individuation (7.5%)
- " Bowlby's" stages of child behavioral reaction upon mother absence for a long time (7.5%)

Q-3 Give an account on Piaget stages of cognitive development. (15%)

Q-4 Give an account on theories of attitude formation and change. (15%)

Q-5 Discuss Psychology of hospitalization. (15%)

Q-6 Discuss steps of problem solving. (12.5%)

Q-7 Discuss locus of control. (15%)

Tanta University Faculty of Medicine Neuropsychiatry Department April 2017	Neurology written examination Number of questions : 8 Master Degree
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Time allowed : three hours.

All questions to be answered:

1-Management of first unprovoked seizure. (12.5%).

2-diagnosis and differential diagnosis of brain abscess. (12.5%).

3-Stroke mimics: clinical approach and management.

4-Ophthalmological manifestations of migraine: clinical picture and differential diagnosis. (12.5%).

5- Neuroradiological advances in Multiple sclerosis. (12.5%).

6- Biomarkers of Alzheimer Disease. (12.5%).

7-Idiopathic Parkinson's Disease : clinical and radiological red flags. (12.5%).

8-Lambert-Eaton syndrome : clinical picture, diagnosis and differential diagnosis . (12.5%).

Good Luck

MD Degree
Neurology written examination- Paper 2

Answer the following questions:

- 1- Discuss: New trends in neuronal migration disorders. (25%)
- 2- Discuss: Current and future treatment approach for neuromyelitis optica. (25%)
- 3- Discuss: Types, etiology, EEG findings and treatment of Epileptic encephalopathies. (25%)
- 4- Describe in details:
 - (a) Imitators of cavernous sinus thrombosis. (12.5%)
 - (b) Eyelid closure abnormalities. (12.5%)

Good Luck

Tanta University
Faculty of Medicine
Neuropsychiatry Department
April 2017

Neurology written examination
paper 1
Number of questions : 8
Master Degree

Time allowed : three hours.

All questions to be answered:

- 1- Management of myasthenia gravis crisis. (12.5%).
- 2- New international league against epilepsy (I LE) classification of seizures. (12.5%).
- 3- Ring enhanced lesions in MRI brain: differential diagnosis , clinical picture. (12.5%).
- 4- Symptomatic treatment of multiple sclerosis. (12.5%).
- 5- Antiphospholipids syndrome: clinical picture and diagnostic approach. (12.5%).
- 6- Essential tremors: clinical picture , diagnosis and differential diagnosis . (12.5%).
- 7- Discuss EEG in emergencies . (12.5%).
- 8- Acute ataxia in children : causes and investigations . (12.5%).

Good Luck

Tanta University

Psychiatry exam (part 2)

Faculty of medicine

April, 2017

Neuro-psychiatry department

Time allowed 3 hours

Master degree (second part)

الورقة الثانية

Q-1 Discuss the mechanisms by which can psychological factors affect medical conditions. Give examples (12.5%)

Q-2 Discuss Mortality among psychiatric patients, causes and management (12.5%)

Q-3 Mention male sexual disorders and discuss etiology, differential diagnosis and treatment of erectile disorder. (12.5%)

Q-4 Give an account on clinical picture and management of ADHD (12.5%)

Q-5 Cognitive behavior therapy for obsessive compulsive disorder (12.5%)

Q-6 Mention the pharmacodynamics of SNRIs antidepressants (12.5%)

Q-7 Types and causes of parasomnias (12.5%)

Q-8 Discuss: manifestations and treatment of post-traumatic stress disorder. (12.5%)

Tanta University
Faculty of medicine
Neuro-psychiatry department

Psychiatry exam (part 1)
April, 2017
Time allowed 3 hours

Master degree (second part)

الورقة الأولى

- Q-1 Clinical picture, differential diagnosis and management of borderline personality disorder (12.5%)
- Q-2 Discuss the effective liaison psychiatry consultation (12.5%)
- Q-3 Discuss causes of suicide and assessment of suicidal risk. (12.5%)
- Q-4 Give an account on causes and differential diagnosis of disturbed self-image (12.5%)
- Q-5 Give an account on psychiatric manifestations of epilepsy (12.5%)
- Q-6 Enumerate Somatic symptom and related disorders. Discuss the etiology of somatic symptom disorder (12.5%)
- Q-7 Discuss cocaine use disorders. (12.5%)
- Q-8 Mention in brief psychiatric manifestations of endocrine diseases. (12.5%)



1. Read the following problem then answer the questions below:

A new born have a family history for a genetic disorder (phenylketonuria) came with his father to the neuro clinic.

Describe methods you should do for secondary prevention (start from history taking till suggested treatment of that disease.

(15 degrees)

2- Enumerate: (6 degrees)

- a. Two Topics for health education needed for primary prevention of genetic disorders.
- b. Two hereditary causes of chromosomal disorders.
- c. Three methods for rehabilitation of neurological disorders. (2 degree)
- d. One technique of genetherapy
- e. Two causes of a higher prevalence of genetic disorders in Arab countries.

3- Calculate the sensitivity and specificity of the following new screening test: (4 degree)

New screening test results	Gold standard test		Total
	Diseased	Not diseased	
Positive	36 (a)	34 (b)	70
Negative	19 (c)	11 (d)	30
Total	55	45	100

Good Luck

Tanta University

Psychology exam

Faculty of medicine

April, 2017

Neuro-psychiatry department

Time allowed 2 hours

Master degree (first part)

Q-1 Give an account on stages of psychosocial development. (25%)

Q-2 Discuss different types of memory (25%)

Q-3 Comment on the role of the limbic system in human behavior. (15%)

Q-4 Give an account on theories explaining intelligence (20%)

Q-5 Mature defense mechanisms (10%)

Date:20/4/2017
Examination For MD Neurology
Term: Final
Course Title: Physiology
Time Allowed: Three Hours

Tanta University
Faculty Of Medicine
Department Of Physiology
Course Code: NEUROPSCH 900P1
Total Assessment Marks:60

All questions are to be answered:

1-Give an account on physiology basal ganglia and its dysfunctions. (50 marks)

2-Discuss the physiology of internal capsule and effect of thrombosis of its blood supply. (50 marks)

Oral Exam On Wednesday 26/4/2017 at 9 am in Physiology Department

Tanta University
Faculty of Medicine
Neuropsychiatry Department
April 2017

Neurology written examination
Number of questions : 5
Master Degree of Neurosurgery

All questions to be answered:

- 1- Surgical treatment of epilepsy. (20%).
- 2- Non pharmacological management of Parkinson's disease .(20%).
- 3- Childhood migraine equivalents : clinical picture and management.
(20%).
- 4- Clinical picture , differential diagnosis and treatment of pseudo
tumor cerebri (20%).
- 5- Subarachnoid hemorrhage: causes, clinical picture and
management (20%).

Good Luck

MD Degree
Neurology written examination- Paper 1

Answer the following questions:

- 1- Discuss: Diagnosis and differential diagnosis of acute inflammatory polyneuropathy. (25%)
- 2- Discuss: Types, clinical picture, laboratory features and treatment of autoimmune myopathies. (25%)
- 3- Discuss: Genetic aspects of Parkinsonism. (25%)
- 4- Describe in details:
 - (a) The different types of gait disorders. (12.5%)
 - (b) The neurological aspects of electrolyte disturbances. (12.5%)

Good Luck

Tanta University

Psychiatry exam

Faculty of medicine

April, 2017

Neuro-psychiatry department

Time allowed 2 hours

Master degree

Q-1 Give an account on clinical picture and management of
conduct disorder (20%)

Q-2 Discuss clinical picture and management of delirium due to
another medical condition (20%)

Q-3 Mention the pharmacodynamics of agomelatin (20%)

Q-4 Discuss the etiology and the clinical picture of illness anxiety
disorder (20%)

Q-5 Discuss management of heroin use. (20%)

Time allowed : three hours.

All questions to be answered:

- 1- Causes of acute myelopathies . (12.5%)
- 2- Acute generalized fasciculations: etiology, clinical picture and management. (12.5%)
- 3- Immune mediated epilepsies. (12.5%).
- 4- Cavernous sinus aneurysm: manifestations and management. (12.5%).
- 5- Progressive multifocal leucoencephalopathy : clinical aspects, diagnosis and treatment . (12.5%).
- 6- Cluster headache: causes and treatment. (12.5%).
- 7- Neuropathic pain : pathogenesis and drug guidelines. (12.5%).
- 8- Neurogenic bladder: causes and management. (12.5%).

Good Luck

Tanta University
Faculty of Medicine
Anatomy Department
10/4/2017

Neurology & Psychiatry Master Degree

Number of Questions: 5

Time Allowed: 3 Hours

Total: 75 Marks



NEUROLOGY & PSYCHIATRY

All questions to be answered

Illustrate your answer with diagram whenever possible:

1. **A. Discuss** the lateral spinothalamic tract. (10 marks)
B. Mention the venous drainage of the spinal cord. (5 marks)
2. **Mention** the deep origin and functional components of the vagus nerve. (15 marks)
3. **Enumerate** the contents of superior cerebellar peduncle and the cerebellar arteries. (15 marks)
4. **A. Describe** the fibres in the different parts of the internal capsule. (10 marks)
B. Mention the relations of lentiform nucleus. (5 marks)
5. **A. Mention** the boundaries and contents of the interpeduncular fossa. (8 marks)
B. Enumerate the branches of the basilar artery. (7 marks)

END OF THE EXAM

Oral Examination:

On Monday 10/ 4/ 2017 after the written examination in the Anatomy Department (Second floor)

WITH MY BEST WISHES

Chairman of Department: Prof. Dr. Mona Zoair