



Term: August 2016  
Time Allowed: 3 hours

Tanta University  
Faculty of Medicine  
Department of: Pathology

Total Assessment Marks: 60

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Questions	Marks
<b>Q1. Give an account on:</b>	
A. Cerebral hemorrhage	7
B Astrocytomas	7
C. Intraventricular hematoma	6
<b>Q2. Give an account on:</b>	
A. Types and mechanisms of edema	7
B. Complications of brain tuberculosis	7
C. Types of degeneration	6
<b>Q3. Discuss in details tumors of pituitary gland</b>	20

Chairman of Department  
Prof Dr. Afaf El Shafei

Date:19/2/2018  
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)

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**Oral Exam will be on Wendday28 /2/2018 at 9am at Physiology Department**

**Good Luck**

Tanta University  
Faculty of Medicine  
Neurosurgery Department  
February 19, 2018

MD Neurosurgery  
10 MCQs + 3 figs  
Time Allowed: 3 Hours  
Surgical Neuroanatomy



1. Crocodile tears or lacrimation from gustatory stimulation is classically described as the result of aberrant regeneration of fibers
  - A. From cranial nerve III reaching the ciliary ganglion
  - B. From cranial nerve V reaching the ciliary ganglion
  - C. From cranial nerve VII reaching the ciliary ganglion
  - D. From cranial nerve III reaching the sphenopalatine ganglion
  - E. From cranial nerve VII reaching the sphenopalatine ganglion
  
2. Before one transects the tentorium, which cranial nerve must be identified?
  - A. III
  - B. IV
  - C. V
  - D. VI
  - E. VII
  
- (3) All of the following statements are correct regarding the medial lemniscus EXCEPT:
  - A. Near the sensory decussation, its blood supply comes from the anterior spinal artery
  - B. The medial lemniscus can be found in close proximity to the anterolateral tract in the medulla
  - C. Its somatotopy in the pons is such that the leg fibers are lateral to the arm fibers
  - D. The fibers of the medial lemniscus arise from the cuneate and gracile nuclei
  - E. Brainstem lesions involving the medial lemniscus fibers usually include adjacent structures, resulting in both motor & sensory loss
  
- (4) Regarding the anatomy near the cavernous sinus, the borders of the clinoidal triangle are the cranial nerves:
  - A. I&II
  - B. II&III
  - C. III&IV
  - D. IV&V
  - E. None of the above

5. Which of the following groups of nerves is most likely to be affected by fracture of the humerus?

- A. Axillary, musculocutaneous
- B. Median, musculocutaneous
- C. Axillary, radial and ulnar
- D. Median, radial and ulnar

6. Two vessels that may be injured during temporal lobectomy and amygdalohippocampectomy:

- a. The P2 segment of the posterior cerebral artery and the anterior choroidal artery
- b. The P2 segment of the posterior cerebral artery and the medial posterior choroidal artery
- c. The P2 segment of the posterior cerebral artery and the anterior cerebral artery
- d. The P3 segment of the posterior cerebral artery and the orbital frontal artery

7. In order to be directly above the foramen of Monro, where would the corpus callosum need to be incised?

- a. At the genu
- b. 1 cm behind the genu
- c. 2.5 cm behind the genu
- d. 5 cm behind the genu
- e. 2.5 cm anterior to the splenium

8. The efferent projections of the arcuate nucleus are most closely associated with the

- A. mammillary bodies
- B. median eminence
- C. nucleus of the diagonal band
- D. posterior hypophysis
- E. supraoptic nucleus

9. The anterior choroidal artery supplies portions of each of the following structures except the

- A. amygdala
- B. Globus pallidus
- C. hippocampus
- D. hypothalamus
- E. internal capsule

10. Stimulation of caudal regions of the paramedian pontine reticular formation (PPRF) produces

- A. Conjugate horizontal deviation of the eyes to the opposite side
- B. Conjugate horizontal deviation of the eyes to the same side
- C. Deviation of only the contralateral eye to the same side
- D. Deviation of only the ipsilateral eye to the opposite side
- E. Deviation of only the ipsilateral eye to the same side

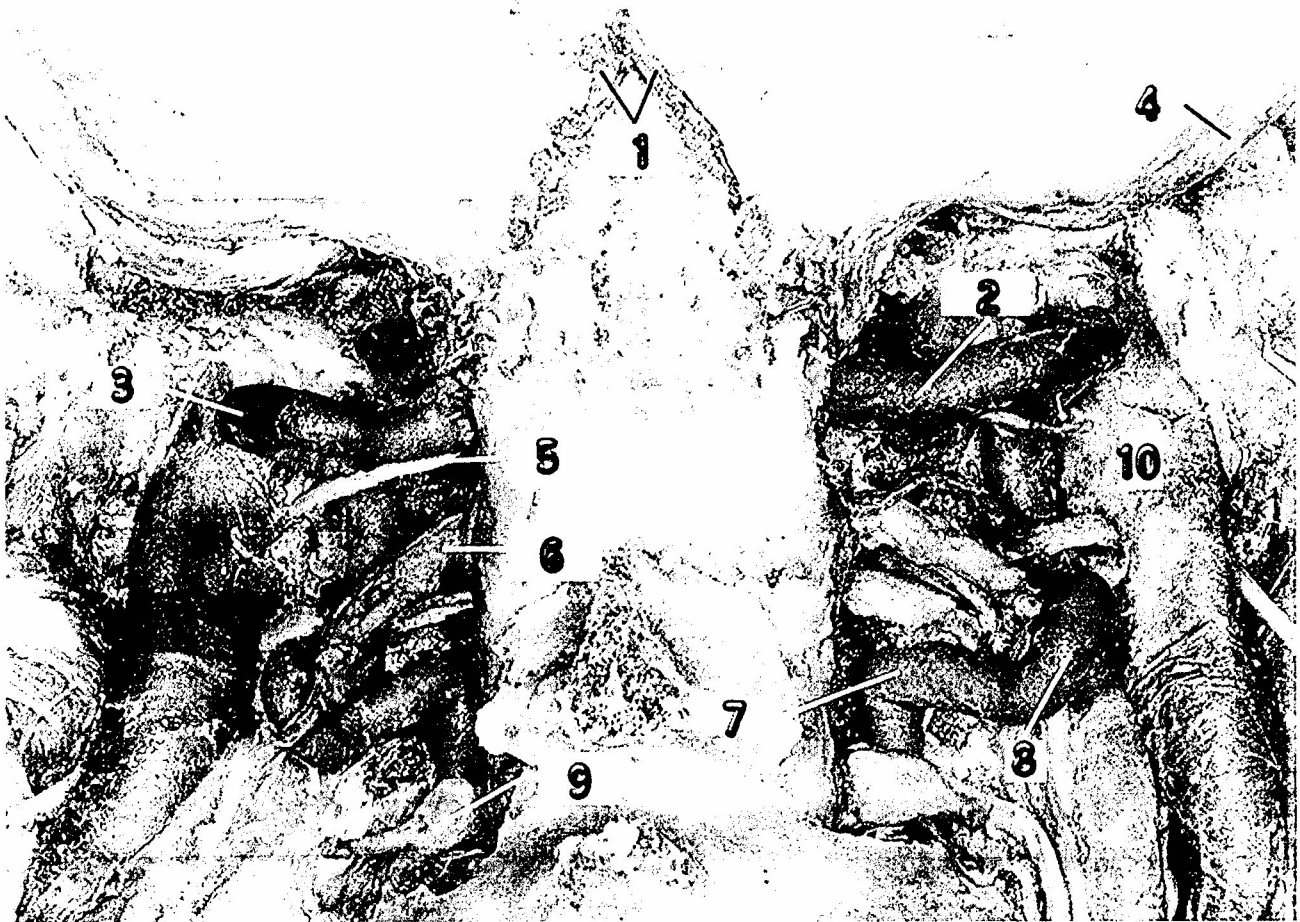


Fig: 1

Please, put the name of each structure in front of every number:

1,  
2, and so on.

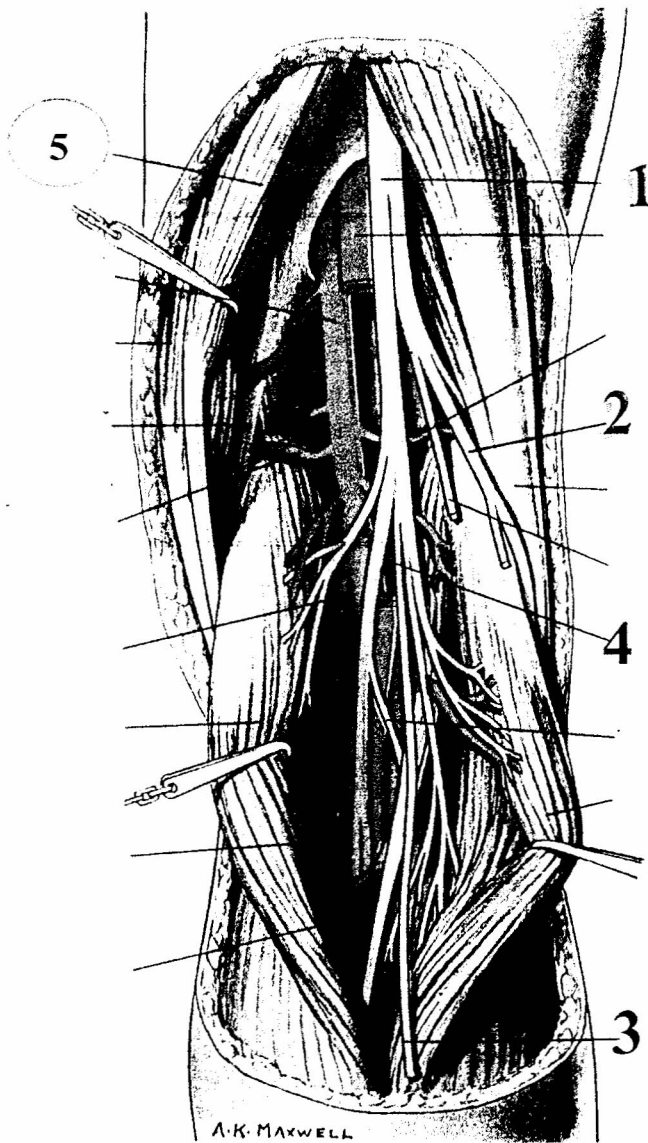
Then discuss the surgical anatomy of the suboccipital venous structures  
(30 Marks)



Fig: 2 (15 Marks)

Please, put the name of each structure in front of every number:

1,  
2, and so on.



**Fig: 3**

Please, put the name of each structure in front of every number: (45 Marks)

1,

2, and so on.

Then discuss the Surgical anatomy of (3)



Tanta University  
Faculty of Medicine  
Department of Neuropsychiatry

Psychiatry MD Degree  
Psychology written examination  
February 21, 2018

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All questions to be answered  
Number of questions: 7  
Time allowed: Three hours

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**Answer the following questions: -**

- 1- Discuss psychology of innate motives.
- 2- Comment on the role of the limbic system in emotion and behavior.
- 3- Discuss: Psychology of hospitalization.
- 4- Discuss components of thinking and how problem solving occur.
- 5- Discuss psychology of adolescents
- 6- Discuss psychology of terrorism.
- 7- Discuss theories of cognitive development.

**Good Luck**





Pathology exam for master degree in neurology

Course title: neuropsch8004

Date : 25-2-2018

Total assessment marks: 30 marks

Time allowed 1:30 hour

Tanta University

Faculty of Medicine

Department Of Pathology

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**Give an account on :**

- 1- Demyelinating diseases of the nervous system (10 marks)
  - 2- Infarction (5 marks)
  - 3- DD of intracranial mass (15 marks)
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تنبيه هام: يعقد الامتحان الشفهي يوم الاثنين الموافق ٢٠١٨/٣/٥ بقسم الباثولوجي  
بكلية الطب في تمام الساعة العاشره

Examination for Master Degree in: Neuropsychiatry  
Course Title: Biochemistry  
Date: 22 -2-2018  
Term: First part  
Time Allowed:3hours  
Total Assessment Marks:25 marks



Tanta University  
Faculty of Medicine  
Department of: Medical  
Biochemistry .....

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Questions Number	Marks
<b>Q1 What are the neurochemical abnormalities in depression?</b>	<b>----10----</b>
<b>Q2 Give an account on storage and release of neurotransmitters</b>	<b>----5----</b>
<b>Q3 Discuss the pathophysiology of Huntington's Diseases</b>	<b>----5----</b>
<b>Q4 Compare between metabotropic and ionotropic receptors</b>	<b>----5----</b>

**The oral exam Will be WENESDAY 28/2/2018**

Examination for Master Degree in: Neuropsychiatry  
Course Title: Biochemistry  
Date: 22 -2-2018  
Term: First part  
Time Allowed:3hours  
Total Assessment Marks:25 marks



Tanta University  
Faculty of Medicine  
Department of: Medical  
Biochemistry .....

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**The oral exam Will be WENESDAY 28/2/2018**