

Examination for master of science in: Neurosurgery
Course Title: Histology
Date: 21/2/2021
Term: February
Total Assessment Marks: 30 marks



Tanta University
Faculty of Medicine
Department of:
Histology

Answer all the following questions and illustrate your answers with diagrams:

Questions Number	Marks
Q1- Give an account on the molecular structure of the cell membrane.	10 marks
Q2- Describe the structure of the olfactory mucosa.	6 Marks
Q3- Give an account on neuroglial cells.	7 Marks
Q4- Draw a labeled diagram for open medulla.	7 marks

2021 /2/21

الامتحان الشفوي يبدأ الساعة ١ يوم

Exam committee:

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Chairman of Department

Prof Dr. NAGLAA IBRAHIM SARHAN

GOOD LUCK

Tanta University ----- Internal Medicine Exam
Faculty of Medicine ----- Master of Science in Neuropsychiatry
Internal Medicine Department ----- No. of Questions: 13
Date: 23/3/2021 ----- Time allowed: 3 hours



(10 MCQ, 3 marks each)

1- All these symptoms are associated with folic acid deficiency except:

- A. Glossitis
- B. Muscle wasting
- C. Neurological symptoms
- D. Dizziness

2- A 67-year-old man presents feeling unwell and complaining of general malaise. He mentions a long history of alcohol abuse and his past medical history shows deranged liver function tests. Which of the following clinical signs does not form part of chronic liver disease?

- A. Finger clubbing
- B. Palmer erythema
- C. Spider naevia
- D. Koilonychia
- E. Jaundice

3- Chronic kidney disease is an abnormality in kidney function and structure that persists for:

- A. 2 weeks
- B. ≥ 1 month
- C. 2 months
- D. ≥ 3 months
- E. ≥ 6 months

4- A 23-year-old woman presents to emergency with a purpuric rash over the buttocks and lower limbs and hematuria. She is finding it difficult to mobilize due to pain in her ankles and knees. What is the most likely diagnosis?

- A. Henoch–Schönleinpurpura
- B. Perthes' disease
- C. Behçet's disease
- D. Still's disease
- E. Ehlers–Danlos syndrome

5- A 49-year-old man has recently been diagnosed with type 2 diabetes and is being carefully monitored. He has been advised to maintain a healthier diet and lifestyle; he attends a follow-up clinic and claims to have been following the diet stringently since his last appointment three months ago.

The most appropriate investigation is:

- A. Random plasma glucose
- B. Fasting plasma glucose
- C. Urine dipstick
- D. Glycatedhemoglobin
- E. Weight measurement

6- Which one of the following promotes platelet function?

- A. Antithrombin.
- B. Activated protein C.
- C. Plasmin.
- D. High molecular weight multimeric form of von Willebrand factor.

7- The clinical features of primary hypothyroidism include all of the following except:

- E. Carpal tunnel syndrome
- F. Cold sensitivity
- G. Puffy eyelids
- H. Diarrhea

8- An absolute indication for urgent hemodialysis in patients with chronic kidney disease is:

- A. Polyuria
- B. Hematuria
- C. Generalized edema
- D. Uremic asthma
- E. Adynamic bone disease

9- Which isolated coagulation factor deficiency causes thrombosis?

- E. Factor V
- F. Factor XI
- G. factor VII
- H. Factor XIII

10. The risk factors for type 1 diabetes include all the following except:

- A. Diet
- B. Genetic
- C. Autoimmune
- D. Environmental

- 1- Enumerate stages of chronic kidney disease and indications of renal replacement therapy??
(10 marks)
- 2- Determine causes, investigation and treatment of iron deficiency anemia?
(10 marks)
- 3- Diabetic ketoacidosis, clinical picture, and treatment
(10 marks)

سيتم بمشيئة الله عقد الامتحان العملي والشفوي

يوم الأحد الموافق ٤ ابريل ٢٠٢١ الساعة الثامنة صباحا

بمستشفى الامراض الباطنة