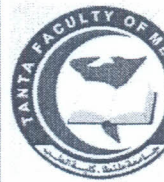


Tanta University -----Internal Medicine Exam  
Faculty of Medicine -----Master of Science in Otorhinolaryngology  
Internal Medicine Department ----- No. of Questions: 10 MCQ, 5short essay questions  
Date: 23/3/2021 ----- Time allowed: 3 hours  
(4 Pages)



**All questions must be answered**

**(10 MCQ, 1.5 marks each)**

1. The most common endocrinal disease that occurs in chronic kidney disease patients is:
  - A. Hypothyroidism
  - B. Secondary hyperparathyroidism
  - C. Hypopituitarism
  - D. Cushing syndrome
  - E. Addison's disease
  
2. Acid-base and electrolytes derangement in end stage renal disease include the following except:
  - A. Hyperkalemia
  - B. Hypocalcemia
  - C. Metabolic acidosis
  - D. Hyperphosphatemia
  - E. Hypophosphatemia
  
3. A 65-year-old man presents with a chronic history of malaise, shortness of breath and paraesthesia in his hands. He appears tired and pale while speaking and on examination his heart rate is 115, respiratory rate 16. A Schillings test is positive while blood tests reveal a macrocytic anaemia and a Coombs test is negative. The most likely diagnosis is:
  - A. Iron deficiency anaemia
  - B. Haemorrhage
  - C. Anaemia of chronic disease
  - D. Pernicious anaemia
  - E. Autoimmune haemolytic anaemia

4. What is the most appropriate investigation to determine iron store levels?
- A. Bone marrow biopsy
  - B. Serum ferritin
  - C. Serum transferrin
  - D. Total iron binding capacity
  - E. Serum iron
5. All of the following produce systemic hypertension except:
- A. Polycystic kidney disease
  - B. Pheochromocytoma
  - C. Grave's disease
  - D. Addison's disease
  - E. Conn's syndrome
6. A 70-year-old woman complains of severe unilateral headache over the left side of her head. On further questioning, she mentions that she has been having bilateral shoulder and neck pains over the past few weeks. She has also been feeling lethargic. On examination, the left side of her scalp is painful to touch. What is the most likely diagnosis?
- A. Polyarteritis nodosa
  - B. Polymyositis
  - C. Hypothyroidism
  - D. Migraine
  - E. Giant cell arteritis
7. A 52-year-old woman with rheumatoid arthritis was referred by her GP after her Alkaline phosphatase levels were found to be abnormally high at 300 IU/L. In addition, she was also found to be serum anti-mitochondrial antibody (AMA) positive. The most likely diagnosis is:
- A. Primary biliary cirrhosis
  - B. Wilson's disease
  - C. Hereditary haemochromatosis
  - D. Primary sclerosing cholangitis
  - E. Alcoholic liver disease

**8. Which of the following clinical signs does not form a part of chronic liver disease?**

- A. Palmar erythema
- B. Spider naevi
- C. Hirsutism
- D. Jaundice
- E. Leukonychia

**9. A 50-year-old man was referred to the diabetes clinic after presenting with polyuria and polydipsia. He has a BMI of 30, a blood pressure measurement of 137/88 mmHg and a fasting plasma glucose of 135 mg/dl. The most appropriate first-line treatment is:**

- A. Dietary advice and exercise
- B. Sulphonylurea
- C. Exenatide
- D. Thiazolidinediones
- E. Metformin

**10. Which of the following is not a symptom of hypothyroidism?**

- A. Diarrhea
- B. Oedema
- C. Mental retardation
- D. Lethargy
- E. Weight gain

(5 short essay questions, 6 marks each)

1. Mention causes and investigations of a case of hematemesis.
2. Describe the classification of vasculitis and clinical manifestations of polyarthriti nodosa.
3. Determine causes, investigations and treatment of iron deficiency anemia.
4. Mention the classification and diagnostic criteria of diabetes mellitus and enumerate the treatment modalities.
5. Describe the clinical picture of facial nerve palsy.

\*\*\*\*\*

*Best Wishes*

**Clinical and Oral Exam: Saturday 3/4/2021 – 8 am**

At Internal Medicine Hospital – 6<sup>th</sup> floor

**Tanta University**

**Faculty of Medicine**

**Department of Anatomy and Embryology**

**Anatomy Examination for Master of Science in Audiology**

**Date: 21/3/2021 Total marks: 45 Marks**

**Time allowed (three hours). Number of Questions: 4**

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**All questions to be answered**

**Illustrate your answers with diagrams whenever it is possible:**

- 1. A- Discuss** the anatomy of the external acoustic meatus. **(4 Marks)**  
**B-Mention** the blood and nerve supply of the external ear. **(5 Marks)**
- 2. A-Describe** the contents of the tympanic cavity. **(9Marks)**  
**B-Mention** the blood supply, lymphatic drainage & nerve supply of  
The middle ear. **(4.5 Marks)**
- 3. A-Describe** the parts of membranous labyrinth. **(4Marks)**  
**B- Illustratethe** vestibular pathway. **(9.5 Marks)**
- 4. A-Mention** the fate of the pharyngeal pouches. **( 4 Marks)**  
**B-Describe** the development of the utricle and semicircular canals.  
**(5 Marks)**

**With Best Wishes**

**Oral Examination: on 4/4/2021 in the Anatomy Department (Second floor)**

**Committee of the Exam:** *Prof. Dr. Amal Halawa, Prof Dr. Maisa Fahmy, Assis. Prof Dr. Rabab Amer*



Examination for Master in: Audiology

Semester 1

Course Title: Genetics

Date: March 21, 2021



Tanta University  
Faculty of Medicine  
Department of Pediatrics

- All questions to be answered:

Q1. Mention the congenital causes of hearing loss in children.

Q2. Discuss patterns of inheritance.

Q3. Give short account on teratogens.

-----Good Luck-----

Chairman of Department

Prof. Abdelrahman Elmashad

Abdelrahman Elmashad

A large, stylized handwritten signature in black ink, which appears to be "Abdelrahman Elmashad".

**Tanta University**

**Faculty of Medicine**

**Department of Anatomy and Embryology**

**Anatomy Examination for Master of Science in Audiology**

**Date: 21 /3/2021 Total marks: 45 Marks**

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**All questions to be answered**

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**(5 Marks)**

**With Best Wishes**

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**Committee of the Exam: Prof. Dr. Amal Halawa, Prof Dr. Maisa Fahmy, Assis. Prof Dr. Rabab Amer**