

Date:28/2/2018
Examination For MSC Gynecology& obstetric
Term: Final
Course Title: Physiology
Time Allowed: Three Hours

Tanta University
Faculty Of Medicine
Department Of Physiology
Course Code: OBGYN 8002
Total Assessment Marks: 30

All questions are to be answered:

1-Discuss endocrine function of placenta . (10 marks)

2-Give an account on the endocrinal function of testis and testicular function tests. (10 marks)

3-Choose the most probable answer: (10 marks)

1-The active form of vitamin D is:

- a)1,25-dihydroxycholecalciferol
- b)Is formed in the absence of parathormone
- c)Decrease the absorption of calcium from the intestine
- d)Can be formed by the liver

2-Infantile thyroid deficiency is characterized by all of the following Except:

- a)Retarded growth and delayed walking
- b)Protruded tongue and abdomen
- c)Moon face and buffalo hump
- d)A low basal metabolic rate

3-The heart rate is regulated by:

- a)Impulses from the baroreceptors
- b)Changes in the arterial blood pressure
- c)O₂ and CO₂ pressure
- d)All of the above

4-The systolic blood pressure of the left ventricle is:

- a)130mmHg
- b)100mmHg
- c)15mmHg
- d)80 mmHg

5-Prolonged coagulation time in obstructive jaundice is due to:

- a)Deficiency of bile pigments
- b)Decrease the formation of plasma protein
- c)Vitamin K deficiency
- d)Iron deficiency

6-All of following organs share in vitamin D formation Except:

- a)The lung
- b)The liver
- c)The kidney
- d)The skin

7-Curare is cholinergic blocker of:

- a)Autonomic ganglia
- b)Motor end plate
- c)Muscarinic receptors
- d) β receptors

8- Atropine is acting as:

- a)Muscarinic blocker
- b)Nicotinic blocker
- c)Neuromuscular blocker
- d)None of the above

9-The heart rate is increased due to:

- a)Increase of the venous return
- b)Decrease arterial blood pressure
- c)O₂ lack
- d)All of the above

10- Steroid hormones bind to:

- a)Cell membrane receptors
- b)Cytoplasmic receptors
- c)Nuclear receptors
- d)None of the above

11- Platelets deficiency resulted in:

- a) Prolonged coagulation time
- b) Purpura
- c) Hemophilia
- d) Anemia

13--The following hormones elevate the arterial blood pressure Except:

- a) Vasopressin(ADH)
- b) Angiotensin II
- c) Aldosterone
- d) Histamine

15-Hyperalgesia

- a) It is a physiological condition
- b) Primary hyperalgesia is due to lesion inside the brain
- c) The pain threshold is lowered in the primary hyperalgesia
- d) Occurs in the healthy skin

17- Cutaneous hyperalgesia is characterized by:

- a) It arises mainly from the skin.
- b) Primary hyperalgesia is local axon reflex.
- c) Secondary hyperalgesia is a convergence facilitation mechanism.
- d) All of the above.

19- Cyanosis is present in:

- a) All types of anemia
- b) Histotoxic hypoxia
- c) Congestive heart failure
- d) Met-hemoglobinemia

12-Pain control mechanism release the following hormones Except:

- a) Beta endorphin
- b) Enkephalin
- c) Serotonin
- d) Bradykinin

14- Hyperglycemia occurs in all the following Except:

- a) Thyrotoxicosis
- b) Diabetes insipidus
- c) Acromegaly
- d) Cushing's Syndrome

16-1-The following factors are essential for erythropoiesis :

- a) Iron
- B) Vitamin B₁₂
- c) Healthy bone marrow
- d) All of the above

18- Heparin has the following effects Except:

- a) Lipemia clearing effect
- b) Combines with antithrombin III and increase its action
- c) Can be given orally and by injection
- d) Acts both in vivo and vitro

20-Intra cranial headache may be produced by all of the following Except:

- a) Meningeal inflammation or irritation
- b) Inflammation of the nasal sinuses
- c) Dilatation of cerebral blood vessels
- d) Brain tumors

الامتحان الشفوي يوم الأربعاء ٢٠١٨/٨/٢٩ الساعة الثامنة والنصف صباحا بقسم الفسيولوجي

Tanta University

Faculty of medicine

Department of Anatomy and Embryology



**ANATOMY EXAM. FOR MASTER AND DIPLOMA OF SCIENCE IN
OBESTETRICS**

Date: 13 /8/2018

Total marks: 30 Marks

Time allowed (three hours)

OBESTETRICS

All questions to be answered

Illustrate your answer with diagram whenever possible:

1. **Describe** arteries of the anterior abdominal wall. **(4.5 marks)**
2. **Describe** anatomy of uterine tube and its clinical correlates. **(4.5marks)**
3. **Identify** pelvic lymphatic drainage of the female genital organs. **(4.5 marks)**
4. **Describe** the anatomy of the perineal membrane and enumerate structures piercing it in female. **(6.5 marks)**
5. **Discuss** the development of amniotic sac and its anomalies. **(4 marks)**
6. **Discuss** the development of the vagina and its congenital anomalies. **(6 marks)**

END OF EXAM.

Oral and practical Examination: Sunday 26/8 2018 at 10 am.

In the Anatomy Department (Second floor)

**Best Wishes
Head of Anatomy Department
Prof.dr. Magdy Said**

Tanta University
Faculty of Medicine
General Surgery Exam
Master & Diploma of Obstetrics & Gynecology (II)
Exam: 12 August 2018
Time: 180 minutes
All questions to be answered

1. What are the clinical picture and investigations for a case of breast cancer?
(10 degrees)
 2. What is the differential diagnosis and investigations solitary thyroid nodule?
(10 degrees)
 3. Discuss the clinical picture, differential diagnosis and of a case of femoral hernia.
(10 degrees)
 4. Discuss the pathophysiology, clinical picture and management of septic shock.
(10 degrees)
 5. Discuss the risk factors, diagnosis and treatment of deep vein thrombosis.
(10 degrees)
 6. Discuss the postoperative complications and how to manage them.
(10 degrees)
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إمتحان الكلينيكال والشفوي:

يوم 2018/9/1 للدبلوم

ويوم 2018/9/2 للماجستير

بقسم الجراحة العامة (الدور السابع) بالمستشفى التعليمي الجامعي الساعة الثامنة صباحا.

Good luck