

Date:27/2/2018  
Examination For Diploma Gynecology &  
Obstetric  
Term: Final

Course Title: Physiology  
Time Allowed: Three Hours

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 pain analgesia system includes:

- a-Raphe magnus nucleus.
- b-The Periaquiductal area in the midbrain.
- c- Spinal pain inhibitory complex.
- d-All of the above.

3-Stimulation of  $\beta_2$  adrenergic receptors causes:

- a-Bronchodilation.
- b-Coronary vasoconstriction.
- c-Bradycardia.
- d-Vasoconstrictor of skin vessels.

5-The most important measure should be done before blood transfusion:

- a-ESR
- b-HB content
- c-RBCs count
- d-Cross matching test

7-Iron deficiency anaemia:

- a-Characterized by elevation of the mean cellular volume (MCV).
- b-Characterised by small hypochromic RBCs.
- c-Causes decrease in bleeding time.
- d-Typically following acute blood loss from body

9-The heart rate is increased due to:

- a-Increase of the venous return
- b-Decrease arterial blood pressure
- c-O<sub>2</sub> lack
- d-All of the above

Tanta University  
Faculty Of Medicine

Department Of Physiology

Course Code: OBGYN7002

Total Assessment Marks: 30

2-Osteoprosis of bone occurs in:

- a-Tetany
- b-Conn's disease
- c-Cushing's syndrome
- d-Vitamin D deficiency

4-Anemia due chronic atrophic gastritis is:

- a-Aplastic
- b- Pernicious
- c- Normocytic normochromic
- d-Microcytic hypochromic

6-Tetany is:

- a-Hypoparathyroidism.
- b-Decrease of blood Ca<sup>+2</sup> level blow 7mg%.
- c-There is increased neuromuscular excitability.
- d-All of the above.

8-Atropine injected preoperatively in order to:

- a-Increase gastric secretion and motility
- b-Decrease gastric secretion and motility
- c-Increase bronchial secretion and bronchoconstriction
- d-Dilatation of the pupil

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) Haemophilia
- d) Anemia

**13-Hemostasis include:**

- a-Stoppage of bleeding of small blood vessel.
- b- Local vasoconstriction of blood vessel.
- c-Blood clotting.
- d-All of the above.

**15-The maximum resistance in the vascular system is present in:**

- a-Aorta
- b-Arteries
- c-Arterioles
- d-Capillaries

**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-The pain analgesia system includes:**

- a-Raphe magnus nucleus.
- b-The Periaquiductal area in the midbrain.
- c- Spinal pain inhibitory complex.
- d-All of the above.

**12-Pain control mechanism release the following hormones Except:**

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

**14-Vascular spasm is due to:**

- a-Local myogenic contraction of the blood vessel.
- b-Local axon reflex.
- c-Serotonin released by platelet.
- d-All of the above.

**16-Referred pain is:**

- a-Pain felt in the bones
- b-Pain felt away from its original site.
- c-Occurs always with cutaneous pain.
- d-Never occurs with visceral pain.

**18-The following hormones elevate the arterial blood pressure Except:**

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

**20-Osteoporosis of bone occurs in:**

- a-Tetany
- b-Conn's disease
- c-Cushing's syndrome
- d-Vitamin D deficiency

ألمتحان الشفوي يوم الأربعاء ٢٠١٨/٢/٢٨ الساعة الثامنة والنصف صباحا بقسم الفسيولوجي

25/2/ 2018

TANTA UNIVERSITY  
FACULTY OF MEDICINE

**DIPLOMA OF GYNECOLOGY AND OBSTETRICS**  
**EXAMINATION IN MICROBIOLOGY**

- 1) Give an account on the causative organisms and methods of diagnosis of bacterial vaginosis ( 5 MARKS)
- 2) Mention the different causes of fever during puerperium (5 MARKS)
- 3) Enumerate the different causes of urinary tract infection during pregnancy ( 3 MARKS)
- 4) give an account on bacterial capsule ( 2 marks )

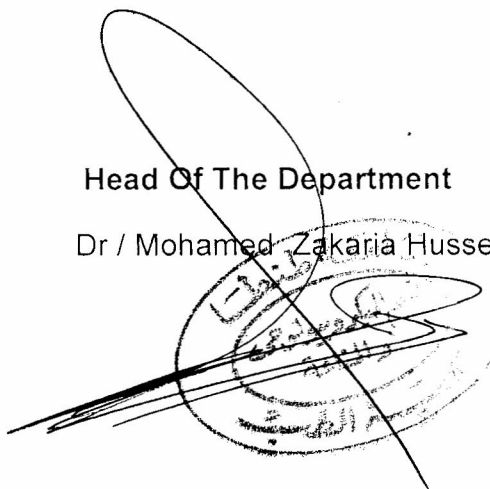
**TOTAL MARKS (15 MARKS)**

**GOOD LUCK**

ORAL EXAM ON 5/3/2018

Head Of The Department

Dr / Mohamed Zakaria Hussein





Tanta University  
Public Health Department  
Obstetrics, Gynaecology Exam  
First part of Diploma  
Date : 25 February 2018

Answer the following questions (each equal 10 degree) Total :30 degree

- 1- In Tanta University hospital, the staff members decided to conduct a survey regarding menstrual disorders among females in Tanta city. How do you plan to conduct this survey?
- 2- A pregnant woman attend MCH centre for the first time. Determine the screening tests required for her and explain the criteria of effective screening.
- 3- Portray the priorities for communicable diseases surveillance in Egypt and explain the sources of data for surveillance system.

Oral exam will be on **28** February at 9 O'clock

**Good Luck**

**Diploma examination degree in: gynecology and obstetric**  
**course title: OBGYN 7003**  
**date: 22/2/2018**  
**term: February 2018**  
**time allowed: 3 hours**  
**total assessment marks: 30**

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Tanta University  
Faculty of Medicine  
Department of: pathology

<i>Questions Number</i>	<i>Marks</i>
<b>Q1- Whate about granulomas.</b>	<b>6</b>
<b>Q2- Comment about uterine leiomyoma.</b>	<b>6</b>
<b>Q3- Mention about endometritis.</b>	<b>6</b>
<b>Q4- Write short notes about ovarian serous tumours.</b>	<b>6</b>
<b>Q5- Whate about postmenopausal bleeding.</b>	<b>6</b>

**NB: Time of oral exam.: Monday : 5/3/2018---- 10 A.M.**