



قسم الميكروبيولوجيا الطبية والمناعه

اماجستير جلدية وتناسليه

الدرجات: ٦٠



جامعه طنطا

كلية الطب

التاريخ: 22/02/2017

**Tweleve marks for each question:**

**Answer all questions:**

- 1)) Discuss mechanism and clinical forms of type IV hypersensitivity reaction.
- 2)) Explain the management of nongonococcal urethritis.
- 3)) Discuss the complications (side effects) of antibiotics
- 4)) Give an account on clinical types and laboratory diagnosis of tuberculosis.
- 5)) A) Discuss the viral infections associated with skin lesions.  
B) Give short account on cell mediated immune response.

Best wishes

امتحان الشفوى يوم

الساعة العاشرة صباحا



**Biochemistry Exam for MSc of Dermatology**

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**I) Write on the following:**

- a) Structure and functions of immunoglobulin G.
- b) Adrenogenital syndrome.

**II) Give an account on:**

- a. Phenylalanine hydroxylase.
- b. Melanin.
- c. Biochemical role of vitamin C in collagen biosynthesis.

**Good Luck**

سيعد الامتحان الشفوي بمشيئة الله يوم الاثنين الموافق ٢٧-٢-٢٠١٧

**Tanta University  
Faculty of Medicine**

**General Surgery Exam**

ماجستير الامراض الجلدية

**Exam 15 February 2017  
All questions to be answered**

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- 1. What is etiology, clinical picture and management of acute breast abscess?**
- 2. Discuss the pathophysiology, clinical picture and management of septic shock**
- 3. What is the differential diagnosis and management of acute painful scrotum**

امتحان الشفوي والعملي بقسم الجراحة العامة بالمستشفى التعليمي الجديد الدور السابع  
الساعة الثامنة صباحا يوم ٢٠١٧/٢/٢٥

**Good luck**

Date: 22/2/2017

Examination For MSC Dermatology

Term: Final

Course title: Physiology

Time Allowed: Three Hours

All questions are to be answered

1-Discuss cutaneous pain sensation and cutaneous hyperalgesia and its mechanisms. (20 marks)

2-Explain spermatogenesis, factors affecting and testicular function. (20 marks)

3-Choose the most probable answer: (20 marks)

**1-The function of Sertoli cells include all of the following Except:**

- a) Secretion of inhibin and an endogenous binding protein
- b) Nutrition of the sperms
- c) Secretion of testosterone
- d) Formation of blood testis barrier

**3-Cryptorchidism:**

- a) The testes are more larger than normal
- b) Spermatogenesis normal
- c) The subject is fertile
- d) Testes are not present in the scrotum

**5-The testicular androgens include all of the following Except:**

- a) They are essential for maturation of the external genitalia
- b) They are essential for spermatogenesis
- c) They increase the secretion of sebaceous glands
- d) They produced marked negative nitrogen balance

**7-The Weber-Fechner law states that:**

- a) Each receptor is most sensitive to a specific form of energy
- b) The receptors are extremely excitable tissue
- c) The rate of discharge from the receptors is directly proportional to the logarithm of the stimulus intensity
- d) The receptor potential can be summated

**9-The pain control mechanism include the following hormones Except:**

- a) Beta endorphins
- b) Enkephalins
- c) Serotonin
- d) Bradykinin

**11-Referred pain include the all of the following Except:**

- a) It is a major manifestation of visceral pain
- b) It is explained by convergence-projection theory
- c) It always accompanies coetaneous pain
- d) Due to migration of organs during development

Tanta University

Faculty Of Medicine

Department Of Physiology

Course Code: DERMVEN 8001

Total Assessment Marks: 60

**2-Spermatogenesis need the following:**

- a) Testosterone hormone
- b) 35°C temperature
- c) Vitamin A
- d) All of the above

**4-The secretion of the seminal vesicles:**

- a) Contributes to about 20% of the total volume of semen
- b) Is rich in fibrinolysin that liquefies the semen
- c) High fructose content
- d) Is not essential for nutrition of the sperms

**6-Human spermatozoa:**

- a) Are produced at a faster rate when the testicular temperature is raised from 35 to 37°C
- b) Are actively motile in the seminiferous tubules
- c) Contain 46 chromosomes
- d) They are normally stored in the seminal vesicle before ejaculation

**8-Sensory coding is:**

- a) Ability of the brain to discriminate the modality of sensation
- b) Ability of the brain to localize sensation
- c) Ability of the brain to discriminate the intensity of sensation
- d) All of the above

**10-Hyperalgesia**

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

**12-Skin pigmentation occurs in :**

- a) Cushing's Syndrome
- b) Addison's disease
- c) Increase the ACTH in the blood
- d) All of the above

13-Testosterone hormone release is controlled by:

- a)LH hormone
- b)LH releasing factor
- c)Testosterone level
- d)All of the above

15-In tabs dorsalis:

- a)The fine sensations are present
- b)The dorsal column of the spinal cord is intact
- c)A negative Romberg's sign
- d>Show the signs of sensory ataxia

17-The following hormones affect sweat secretions Except:

- a)Aldosterone
- b) Calcitonin
- c)Thyroxin
- d) Acetylcholine

19-The protopathic sensations is characterized by:

- a)It is well localized
- b)It is perceived at the thalamus
- c)The cerebral cortex is essential for its perception
- d)It is never produced exaggerated central response

14-The cutaneous pain has all of the following properties Except:

- a) It is rapidly abolished by local anesthetic drugs
- b)Is never radiates
- c)It initiate the protective withdrawal reflex
- d) It is sharp and localized pain

16-Eccrine sweat glands are innervated by:

- a)Sympathetic noradrenergic fibers
- b)Sympathetic cholinergic fibers
- c)Parasympathetic vasodilator fibers
- d)Parasympathetic secretory fibers

18-Syringomyelia shows of the following Except:

- a)Loss of pain and temperature sensation in the opposite side
- b)Shows jacket distribution
- c)Loss of fine sensation
- d)Due to degeneration around the central canal

20- Apocrine sweat glands are:

- a)Supplied by sympathetic cholinergic fibers
- b)Sharing in body temperature regulation
- c)Located all over the body
- d)None of the above

No	A	B	C	D	No	A	B	C	D
1					11				
2					12				
3					13				
4					14				
5					15				
6					16				
7					17				
8					18				
9					19				
10					20				

Answer of MCQ at the table

ملحوظة:

26/2/2017 الامتحان الشفهي

بقسم الفسيولوجي الثامنة صباحا

اجابة الأسئلة الاختيارية بالجدول و

يدبس بكتابة الإجابة



**Tanta University**  
**Faculty of Medicine**  
**Dermatology and Venereology**  
**department**

22/2/2017

**Master exam- mycology**

**Time: 45 minutes**

**(All questions must be answered)**

**Answer the following questions:**

- 1- Mention microscopic features and colony characters of: (10 marks)
  - a. *Trichophyton rubrum*
  - b. *Microsporum canis*
  
- 2- Mention fungi cause endothrix infection in tinea capitis and explain characters of their spores (5 marks)

Head of department  
Prof Dr Iman Elmaadawy

**Good Luck**