



Tanta University  
Faculty of Medicine  
Medical Biochemistry Department

Date: 25 -3 - 2021

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**Biochemistry Exam Dermatology M.S.**

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**1) Write on the following:**

- d. Enumerate the antioxidant vitamins with reference to the sources, functions and deficiency of one of them.
- e. Discuss melanin biosynthesis and its metabolic defect.

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**II) Give an account on:**

- f. Types of collagen and structure of its basic unit.
- g. Structure and function of IgG.
- h. Mechanism of action of group I hormone.

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*Good Luck*

سيعقد امتحان الشفوى بمشيئة الله بمراجعة القسم  
مع ضرورة التزام الطالب بارتداء الكمامة



Tanta University  
Faculty of Medicine  
Department of Microbiology & Immunology

Examination for Master Degree in  
Dermatology  
Course Title: Microbiology and Immunology  
Date: 25 / 3 / 2021  
Time Allowed: 2 hours  
Total Assessment Marks: 60marks

**All Question to be answered:**

**1-Give short account on:**

**A- Dermatological Manifestation of COVID-19 (4marks)**

**B-Tuberculin Test (8Marks)**

**2- Discuss laboratory diagnosis of HIV (12 Marks)**

**3-Discuss Normal Bacterial flora of skin (12 Marks)**

**4- Mention the mechanisms of resistance to antimicrobial agents. (12 Marks)**

**5-Discuss Type I Hypersensitivity Reaction As regard the followings:**

**A)Mechanism (4Marks)**

**B)Clinical types (4Marks)**

**C) Methods of diagnosis (4Marks)**

**BEST WISHES**

امتحان السفوى يوم الاثنين الموافق 15 / 3 / 2021



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

25/3/2021

Master exam - Semester (1)

**All Questions should be answered:**

1. Demonstrate the microscopic and culture features of fungi cause tinea cruris. (15 mark)
  
2. Mention types of: ( 5 marks each)
  - a) Superficial mycoses
  - b) Microconidia
  - c) Fungi give fluorescence under Wood`s light
  - d) Malassessia species
  - e) Materials added to Sabouraud`s agar media and their importance.
  
3. Define: ( 5 marks each)
  - a) Chlamydo spores
  - b) Ectothrix fungi and their forms
  - c) Ascospores
  - d) Mycelium

**Head of department**

**Prof. Dr. Noha Dogheim**

**Good Luck**

**Tanta University  
Faculty of  
Medicine  
Department of  
Neuropsychiatry  
February, 2020**

**Master Degree dermatology  
Psychiatry written examination-  
Time : 3 hours  
28/3/2021  
Semester 2**

**Answer the following questions:**

- 1- Discuss disorders of behavior in schizophrenia.(12.5%)**
- 2- Comment on diagnostic criteria of major depressive disorder.(12.5%)**
- 3- Discuss sexual side effects of SSRIs.(12.5%)**
- 4- Discuss types of paraphilias.(12.5%)**
- 5- Management of substance use disorder.(12.5%)**
- 6- Clinical picture of somatic symptom disorder.(12.5%)**
- 7- Body dysmorphic disorder in dermatological patient.(12.5%)**
- 8- Etiology of psychiatric disorder. (12.5%).**

**Thank you**

**Tanta University  
Faculty of  
Medicine  
Department of  
Neuropsychiatry  
February, 2020**

**Master Degree dermatology  
Psychiatry written examination-  
Time : 3 hours  
28/3/2021  
Semester 2**

**Answer the following questions:**

- 1- Discuss disorders of behavior in schizophrenia.(12.5%)**
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- 7- Body dysmorphic disorder in dermatological patient.(12.5%)**
- 8- Etiology of psychiatric disorder. (12.5%).**

**Thank you**





Tanta University  
Faculty of Medicine  
Medical Biochemistry Department

Date: 25 -3 - 2021

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## Biochemistry Exam For Dermatology Diploma

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### 1) Write on the following:

- a. Sources, functions and deficiency of vitamin A.
- b. Mechanism of action of androgen with reference to Adrenogenital syndrome.

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### II) Give an account on:

- a. Biosynthesis of tropo-collagen unit.
- b. Phenyl-alanine hydroxylase.
- c. General structure of immunoglobulin and functions of IgE.

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**Good Luck**

سيعقد امتحان الشفوى بمشيئة الله بمراجعة القسم  
مع ضرورة التزام الطالب بارتداء الكمامة



Tanta University  
Faculty of Medicine  
Department of Microbiology & Immunology

Examination for Diploma Degree in  
Dermatology  
Course Title: Microbiology and Immunology  
Date: 25 / 3 / 2021  
Time Allowed: 2 hours  
Total Assessment Marks: 60marks

**All Question to be answered:**

**1-As regard Type IV Hypersensitivity Discuss the followings:**

**A- Mechanism (6Marks)**

**B-Clinical Types (6Marks)**

**2-Mention laboratory diagnosis of HIV (12Marks)**

**3-Give short account on:**

**A- Dermatological Manifestation of COVID-19 (4marks)**

**B-Treponemal Antigen Tests (8Marks)**

**4- Mention the mechanisms of resistance to antimicrobial agents. (12 Marks)**

**5-Give An Account On normal bacterial flora of skin (12Marks)**

Best Wishes

دا متحان السفوى لوم الپستين الموائف

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Tanta University  
Faculty of Medicine

Dermatology and Venereology

25/3/2021

Diplome exam - Semester (1)

**All Questions should be answered:**

1. Demonstrate the microscopic and culture features of fungi cause tinea corporis. (15 mark)
  
2. Mention types of: (5 marks each)
  - a) Cutaneous mycoses
  - b) Hyphae appearance
  - c) Conidia
  - d) Fungi give no fluorescence under Wood's light
  - e) Media used to culture fungi.
  
3. Define: (5 marks each)
  - a) Arthrospores
  - b) Endothrix fungi and their forms
  - c) Zygoospores
  - d) Budding

Head of department

Prof. Dr. Noha Dogheim

Good Luck





Department of physiology  
Time allowed: Three hours  
Total marks: 60

Physiology  
MSC Dermatology

Tanta University  
Faculty of Medicine  
Code: DERMVEN 8001  
Date: 25/3/2021

**All the questions must be answered:**

- 1- Discuss : Effect of endocrinal disorders on the skin. (15 marks)
- 2- State : Control of secretion and function of testosterone. (15 marks)
- 3- Mention: Characters of cutaneous circulation. (15 marks)

**All the following must be answered by only one choice (15 marks)**

- 1- Primary hyperalgesia is characterized by:
  - a. Increase pain threshold.
  - b. Normal pain threshold.
  - c. Decrease pain threshold.
  - d. Sensitization occur in sensory cortex.
- 2- The intensity of sensation is identified by:
  - a. Muller law.
  - b. Labeled line principle.
  - c. Weber Feschner law.
  - d. Dorsal root branching.
- 3- Epicretic sensation is characterized by:
  - a. Perceived by thalamus.
  - b. Poorly localized.
  - c. Perceived by sensory cortex .
  - d. It is crude sensation.
- 4- Pain inhibitory complex located in :
  - a. Brain stem.
  - b. Sensory cortex.
  - c. Dorsal horn of the spinal cord.
  - d. Ventral horn of the spinal cord.
- 5- Which of the following is CORRECT regarding thyroxine:
  - a. Stimulate leyding cells to secrete testosterone.
  - b. Stimulate testicular metabolic function.
  - c. Inhibit testicular metabolic function.
  - d. Concerned with lowering testicular temperature.
- 6- Sertoli cells secrete which of the following:
  - a. Testosterone.
  - b. Androgen binding protein.
  - c. Estrogen.
  - d. Follicular stimulating hormone.

**Look to back**

7- Lutenizing hormone is secreted by:

- a. Posterior pituitary.
- b. Testis.
- c. Anterior pituitary
- d. Hypothalamus.

8- Primary hypogonadism caused by disease affecting:

- a. Hypothalamus.
- b. Anterior pituitary.
- c. Testicular tissue.
- d. Posterior pituitary.

9- Spermatogenesis last:

- a. 7 days.
- b. 7 hours.
- c. 70 days.
- d. 17 days.

10- Spermatogenesis need the following EXCEPT :

- a. Testicular temperature 37 ° C.
- b. Testicular temperature 32 ° C.
- c. Protein diet.
- d. Testosterone.

11- Cardiac pain referred to :

- a. Left shoulder.
- b. Right shoulder.
- c. Lower abdomen.
- d. Around umbilicus.

12- Adaptation of sensory receptors caused by :

- a. Loss of stimulus energy to surrounding.
- b. Activation of sodium channels.
- c. Accumulation of metabolites.
- d. Oxygen lack.

13- Convergence facilitation is mechanism of :

- a. Primary hyperalgesia.
- b. Referred pain.
- c. Sensory coding.
- d. Secondary hyperalgesia.

14- In semen analysis the abnormal forms of sperms should be:

- a. 50 % of total count.
- b. 40 % of total count.
- c. 60 % of total count.
- d. Not more than 20 % of total count.

15- Which of the following is CORRECT regarding testosterone :

- a. Having protein catabolic effect.
- b. Delay union of epiphysis.
- c. Decrease basal metabolic rate
- d. Having protein anabolic effect.

إمتحان الشفهي الأربعاء 2021/3/31 بقسم الفسيولوجي التاسعة صباحا