



Examination of Master Degree

STDs- Paper II

Date: 18/4/2016

Time allowed: 3 Hours

Total Marks: 50



Tanta University

Faculty of Medicine

Department of Dermatology

& Venereology

**All Questions should be answered: (each 5 marks)**

- 1-Mention treatment of non gonococcal urethritis.
- 2- Illustrate typing methods of gonococci.
- 3-Give an account on bacterial vaginosis.
- 4-Demonstrate treatment of a pregnant woman with active herpes progeneralis.
- 5-Describe manifestations of acquired early secondary stage of syphilis
- 6-Distinguish types of relapse in early syphilis
- 7-Explain treatment of granuloma inguinale.
- 8-Enumerate criteria for diagnosis of pelvic inflammatory disease.
- 9-Mention replicative cycle of AIDS virus.
- 10-Differentiate clinically the causes of sexually transmitted genital ulcers

TANTA UNIVERSITY----- Internal Medicine Exam  
FACULTY OF MEDICINE ----- Master degree of Dermatology  
INTERNAL MEDICINE DEPARTMENT-----NO. OF QUESTIONS: 2  
18/4/ 2016 ----- Time: 1.30



**All Questions must be answered :**

- 1- Investigations and treatment of systemic lupus erythromatosus.
- 2- Diabetic neuropathy.

Good Luck  
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Tanta University  
Faculty of Medicine

General Surgery Exam

ماجستير الامراض الجلدية

Exam 18 April 2016  
All questions to be answered

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1. What are the clinical picture and management of a case of breast abscess?  
(10 degrees)
2. Discuss the pathophysiology, clinical picture and management of septic shock  
(10 degrees)
3. Discuss the management of burn  
(10 degrees)
4. What are the complications of blood transfusion?  
(10 degrees)
5. What is the etiology, and the differential diagnosis of a case of ulcer in the face  
(10 degrees)

امتحان الشفوي والعملي يوم ٢٠١٥/٤/٢٠ بقسم الجراحة العامة بالمستشفى التعليمي الجديد الساعة الثامنة صباحا

Good luck



Examination of Master Degree

Andrology - Paper I

Date: 16/4/2016

Time allowed: 3 Hours

Total Marks: 50



Tanta University

Faculty of Medicine

Department of Dermatology

& Venereology

**All Questions should be answered:**

- 1- Explain mechanism of erectile dysfunction in diabetic patients. (10 marks)
- 2- Describe molecular aspect of penile erection. (5 marks)
- 3- Mention pharmacokinetics of phosphodiesterase inhibitors. (5 marks)
- 4- Discuss anorgasmia. (5 marks)
- 5- Demonstrate treatment of corporoveno-occlusive erectile dysfunction (5 marks)
- 6- Illustrate the practical guideline algorithm for management of asthenozoospermia. (5 marks)
- 7- Mention the causes of spermatogenic arrest. (5 marks)
- 8- Give an account on Noonan syndrome. (5 marks)
- 9- Identify the causes of immunological infertility. (5 marks)



Fanta University  
Faculty of Medicine  
Department of Neuropsychiatry

Dermatology Master Degree  
Psychiatry written examination  
16 April, 2016

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**Time allowed: One hour**  
**Number of questions: 4**  
**All questions should be answered**

**Answer the following questions:**

- 1- Give an account on clinical picture of depression.
- 2- Discuss masturbation.
- 3- Enumerate obsessive compulsive and related disorder. Discuss the diagnostic criteria of skin picking (excoriation) disorder
- 4- Discuss dissociative disorders.

**Good Luck**

TANTA UNIVERSITY----- Internal Medicine Exam  
FACULTY OF MEDICINE ----- Master degree of Dermatology  
INTERNAL MEDICINE DEPARTMENT-----NO. OF QUESTIONS: 2  
6/4/, 2016 ----- Time: 1.30



**All Questions must be answered :**

- 1- Investigations and treatment of Hypothyroidism.
- 2- Hematological manifestations of chronic kidney disease.

Good Luck  
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Examination of Master Degree

Derma- Paper II

Date: 13/4/2016

Time allowed: 3 Hours

Total Marks: 50

**All Questions should be answered:**

- 1-Discuss pyogenic granuloma (5 marks)
- 2- Describe how to manage diffuse hair loss in women (5 marks)
- 3- Demonstrate clinical types and treatment of pyoderma gangrenosum (5marks)
- 4-Demonstrate treatment of infantile haemangioma (5 marks)
- 5-Discuss melanonychia (5 marks)
- 6- Mention cutaneous manifestations of Hepatitis -C virus infection (5 marks)
- 7- Give an account on familial porphyria cutanea tarda (5marks)
- 8-Summarize the treatment of mycosis fungoides (5 marks)
- 9-Mention types of lasers and their applications in Dermatology (5 marks)
- 10-A 55 year old woman presented with bluish red infiltrated nodules and plaques on the nose and cheeks. Histopathological examination revealed aggregates of epithelioid cells and giant cells in the dermis together with hyperkeratosis and acanthosis.
  - a- What is the most probable diagnosis? (1 mark )
  - b- Name other cutaneous lesions of the disease. (2 marks )
  - c- Enumerate treatment options for that disease. (2 marks )



Tanta University

Faculty of Medicine

Department of Dermatology

& Venereology

Tanta University  
Faculty of Medicine  
Department of Medical Biochemistry

13-4-2016

1<sup>st</sup> Part Medical Biochemistry M.S. Dermatology Exam.

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**1) Write on the following:**

- a. Structure and function of immunoglobulin E.
- b. Adrenogenital syndrome.

**2) Give an account on the following:**

- a. Mechanism of action of group I hormones.
- b. Albinism.
- c. Sources and functions of vitamin E.

*Good Luck*

سيعد الامتحان الشفوي بمشيئة الله يوم الارباء الموافق 2016/4/27



Examination for master  
degree in  
Skin and venereal diseases  
Date:13/4/2016  
Course:Microbiology& immunology  
Marks:25& Time: 3Hours

Tanta University  
Faculty Of medicine  
Department of  
microbiology  
and immunology

**Answer The Following Questions:**

**1))** Discuss the mode of transmission, clinical presentation and laboratory diagnosis of leprosy.(15 marks)

**2))** Mention the mechanism of Type IV hypersensitivity reaction and how to diagnose?.

(5marks)

**3))** Give an account on non-gonococcal urethritis. (5 marks).

**Good Luck\*\*:**

الشفوى يوم الاربعاء الموافق ٢٧/٤ / ٢٠١٦ بقسم الميكروبيولوجى والمناعه الطبيه.

م. د. محمد عبد الحليم  
الميكروبيولوجى والمناعه  
الطبيه



Examination of Master Degree

First part, Mycology

Date: 13/4/2016

Total Marks: 25



Tanta University

Faculty of Medicine

Department of Dermatology

& Venereology

**All Questions should be answered:**

- 1- Explain laboratory diagnosis of onychomycosis. ( 10 marks )
- 2- Enumerate fungi causing tinea capitis. ( 5 marks )
- 3- Give a short account on:
  - a- Laboratory identification of candida ( 5 marks )
  - b- Wood's light use in mycological diagnosis. ( 5 marks )



Tanta University  
Faculty of Medicine  
Department of Neuropsychiatry

Dermatology Master Degree  
Psychiatry written examination  
April, 2016

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**Time allowed: One hour**  
**Number of questions: 4**  
**All questions should be answered**

**Answer the following questions:**

- 1- Give an account on clinical picture of mania.
- 2- Discuss premature ejaculation.
- 3- Enumerate trauma- and stressor-related disorders. Discuss diagnostic criteria of post-traumatic stress disorder.
- 4- Discuss trichotillomania.

**Good Luck**

Examination for master

degree in

Skin and venereal diseases

Date:3/4/2016

Course:Microbiology& immunology

Marks:60 &Time: 3Hours

pTanta University

Faculty Of medicine

Department of

microbiology

and immunology

**Answer The Following Questionoans:**

1)) Give an account on normal flora of skin.( 12 marks)

2)) Mention the diagnosis of tuberculosis of skin.

(12marks)

3))Give an account on methods of prevention of graft rejection.(12marks)

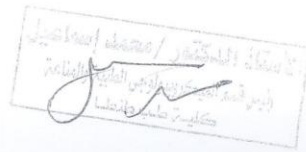
4)) Discuss in details HIV infection.

(12 marks)

5))Mention etiology and diagnosis of acute gonorrhoea.(12 marks)

Good Luck\*\*:

الشفوى يوم الاثنين الموافق ٢٠١٦ /٤/١١ بقسم الميكروبيولوجى و المناعه



Tanta University  
Faculty of Medicine  
Department of Medical Biochemistry

Date: 3-4-2016

1<sup>st</sup> Part Medical Biochemistry Diploma Dermatology Exam.

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**1) Write on the following:**

- a) Sources, functions and deficiency of vitamin A.
- b) Functions of testosterone.

**2) Give an account on the following:**

- a) Pellagra.
- b) Scurvy.
- c) Albinism.

*Good Luck*

سيُعقد الامتحان الشفوي بمشيئة الله يوم الأربعاء الموافق ٣/٤/٢٠١٦



Examination of Master Degree

Derma- Paper I

Date: 9/4/2016

Time allowed: 3 Hours

Total Marks: 50



Tanta University

Faculty of Medicine

Department of Dermatology

& Venereology

**All Questions should be answered (2 pages):**

- 1-Explain pathophysiology and management of hidradenitis suppurativa (5marks)
- 2-Identify:
  - a- Rud's syndrome (2.5 marks)
  - b- Wells' syndrome (2.5 marks)
- 3- Differentiate causes of palmoplantar pustulosis (5 marks)
- 4- Give an account on management of pemphigus erythematosus (5 marks)
- 5-Mention the etiology and diagnosis of neonatal lupus erythematosus (5marks)
- 6-Describe severe clinical variants of acne vulgaris and their management (5 marks)
- 7-Discuss classification of Hanseniasis (Leprosy) (5 marks)
- 8-Demonstrate causes of cryoglobulinaemia (5 marks)
- 9- Summarize staph-induced skin diseases (5 marks)
- 10-Choose the correct answer (One answer only is allowed): (5 marks)

- 1- Erythema infectiosum (fifth disease) is caused by:**
  - a) Echovirus
  - b) Human herpes virus- 8
  - c) Human papilloma virus
  - d) Human parvo virus B19
- 2- Pathogenesis of irritant contact dermatitis depends on:**
  - a) Delayed type hypersensitivity
  - b) Cytotoxicity
  - c) Immediate type reaction
  - d) b&c
- 3- The pathogenesis of nail pits in psoriasis is:**
  - a) Punctate defects in the cuticle
  - b) Secondary effects of the proximal nail fold psoriasis
  - c) Punctate parakeratosis in the proximal matrix
  - d) None of the above
- 4- Lamina lucida is the site of bullae in:**
  - a) Cicatricial pemphigoid
  - b) Dermatitis herpetiformes
  - c) Pemphigus
  - d) Epidermolysis bullosa simplex
- 5- Urticaria Pigmentosa is characterized by all of the following except:**
  - a) Occurs more commonly in old age
  - b) Positive Darier's sign
  - c) Lesions are usually multiple
  - d) May develop vesicles and bullae



Tanta University  
Faculty of Medicine  
Department of Physiology.

Examination for ( MSC Dermatology & Venereology )  
Course Title: Physiology  
Total Assessment Marks:60

Course Code:  
DERMVEN 8001  
Time Allowed:  
Physio. + Bio. +  
Micro.  
Three Hours

Date:3/4/2016

Term : Final

**All the questions are to be answered:-**

**Q1-Explain briefly:** Skin pigmentation and endocrinal disorders affecting it. (20 marks)

**Q2-List:** Five factors affecting spermatogenesis. (20 marks)

**Case study:** A 10-year-old girl with Type I diabetes develops a neuropathy limited to sensory neurons with free nerve endings. Quantitative sensory testing will reveal higher-than-normal thresholds for the detection of which of the following?

- a. Fine touch.
- b. Vibration.
- c. Pressure.
- d. Temperature.
- e. Muscle length.

Explain your answer

(5 marks)

**Answer the following MCOs by the most probable one choice: In answer sheet (15 marks)**

**Q.1. The pain felt in the inner aspect of the left arm in myocardial infarction is an example of:**

- a. Hyperalgesia.
- b. Referred pain.
- c. Fast pain.
- d. Projected pain.

**Q.2. The receptors:**

- a. Have the same structure throughout all areas of the body
- b. Consist of a nerve cell body
- c. Are all free nerve endings
- d. When stimulated by the adequate stimulus give rise to one type of sensation regardless of the method of stimulation.

**Q.3. The receptor potential:**

- a. Can be blocked by narcotics.

- b. Is an all or none response of the receptor.
- c. Amplitude can be increased by increasing stimulus intensity.
- d. Has a definite absolute refractory period.

**Q.4. The lateral spinothalamic tract transmits sensory information of:**

- a. Fine touch.
- b. Vibration.
- c. Pain and temperature.
- d. Two point discrimination.

**Q.5. Injury to the skin results in:**

- a. Cutaneous vasoconstriction.
- b. Spreading flare.
- c. Reflex decrease of heart rate.
- d. Decreased sympathetic discharge.

**Q.6. Sensory signals that require rapid transmission travel predominantly in the:**

- a. Dorsal column system.
- b. Lateral spinothalamic tract.
- c. Ventral spinothalamic tract.

LOOK IN THE BACK OF THIS PAGE



d. Lateral corticospinal tract.

**Q.7. Cutaneous pain :**

- a. Is due to overstimulation of receptors serving other sensory modalities.
- b. Can be elicited more readily if the tissue has recently been injured.
- c. Shows marked adaptation.
- d. Is poorly localised.

**Q.8. The following findings in a sample of semen can explain infertility in the male:**

- a. Failure of sperms to remain motile after 24 hours.
- b. An ejaculate volume of about 3.5 ml.
- c. A sperm count of less than 20 million/ml.
- d. Exhibition of forward movement in 70% of sperms.

**Q.9. In the testes the cells that secrete testosterone are:**

- a. Spermatogonia.
- b. Leydig cells.
- c. Sertoli cells.
- d. Sperm cells.

**Q.10. Pain receptors:**

- a. Are found in the skin only.
- b. May become hypersensitive in the presence of tissue injury.
- c. Are more densely distributed in the viscera than in the skin.
- d. Are stimulated by temperatures in the range of 30-37°C.

**Q.11. Injury to the skin results in the following EXCEPT:**

- a. Red line.
- b. Spreading flare.
- c. Pain.
- d. Cold skin.

**Q.12. In Addison's disease, all of the following is likely to occur EXCEPT:**

- a. Pigmentation of the skin
- b. Poor excretion of water load by the kidney
- c. Increased Na<sup>+</sup> loss in urine
- d. A tendency to hyperglycemia with

increased insulin resistance

**Q.13. Increased ACTH secretion would be expected in patients:**

- a. Who are receiving cortisone.
- b. With elevated levels of angiotensin II.
- c. With primary adrenocortical hyperglycemia.
- d. With chronic adrenocortical insufficiency.

**Q.14. A patient presented with increased skin darkening, loss of weight, hypotension and hypoglycaemia. A provisional diagnosis was primary adrenal insufficiency. The best measurement to prove that the patient had primary adrenal insufficiency was:**

- a. Elevated plasma ACTH
- b. Elevated plasma 11-deoxycortisol
- c. Elevated plasma vasopressin
- d. Weak ACTH response to corticotrophin releasing hormone

**Q.15. You examined a patient with a history of gradual weight gain, hirsutism, hypertension, muscle wasting, hyperglycemia and increased ACTH level. Which of the following is the most likely diagnosis?**

- a. Treatment with exogenous glucocorticoids
- b. Primary overproduction of ACTH (Cushing's disease)
- c. Adrenocortical insufficiency (Addison's disease)
- d. Pheochromocytoma

Oral exam will be on Sunday 10 April 2016 at 9 am in physiology department



Tanta University  
Faculty of Medicine  
Department of Physiology.

Examination for (MSC Dermatology)  
Course Title: Physiology  
Total Assessment Marks:25

Course Code:  
TMED.03:A07  
Time Allowed: Physio. +  
Bio. + Micro.  
Three Hours

Date:13/4/2016

Term : Final

**All the questions are to be answered:-**

**Q1- Discuss:** Control of testicular functions.

(10 marks)

**Q2- Explain briefly:** Physiology of sweat secretion.

(5 marks)

**Case study: 45-year-old male presented with the following symptoms : weakness, fatigue, orthostatic hypotension, weight loss, dehydration, and decreased cold tolerance and pigmentation of the skin the diagnosis of this patient is Addisons disease this disease is characterised by:**

- There is excessive secretion of GH.
- A pituitary basophil adenoma may be present.
- The patient is mentally subnormal.
- There is excessive loss of Na.

**Explain your answer (5 marks)**

**Answer the following MCQs by the most probable one choice. In answer sheet (5 marks)**

**Q.1.Cutaneous hyperalgesia:**

- Is a Physiological condition.
- Occurs only in association with cutaneous pain.
- Primary hyperalgesia is due to a lesion the CNS.
- Pain threshold is lowered in primary hyperalgesia.

**Q.2.Injury to the skin results in the following EXCEPT:**

- Red line.
- Spreading flare.
- Pain.
- Cold skin.

**Q.3.Concerning spermatogenesis:**

- It takes 7 days to form a mature sperm from spermatogonium.
- Stage from spermatogonia to spermatids is androgen dependent.
- Maturation from spermatids to spermatozoa is androgen independent.
- Spermatogonia leaving testis acquire motility in the epididymis.

**Q.4.The mechanoreceptors perceive all of the following sensations EXCEPT:**

- Touch.
- Pressure.
- Pain.
- Vibration.

**Q.5. All of the following will tend to stimulate sweating EXCEPT:**

- Increased body core temperature.
- Heating the hypothalamic regulation centre.
- Increasing the temperature regulation "set point".
- Activating the cutaneous warm receptors.

**Q.6. In cryptorchidism:**

- The gametogenic function of the testis is not affected
- Testosterone secretion markedly decreases at onset of puberty.
- There is higher incidence of malignant transformation of the testis.

**LOOK IN THE BACK OF THIS PAGE**

- d. Pituitary gonadotropin secretion is increased.

**Q.7. Concerning warm receptors, the following is correct:**

- a. Warm receptors are located below the surface of the skin in the subcutaneous tissue.
- b. There are 10 times more warm receptors than cold receptors.
- c. Signals from warm receptors are transmitted along C fibers.
- d. The fingertips contain fewer warm receptors than does the back.

**Q.8. Male sterility may be suspected if:**

- a. 15% of the sperms are abnormal.
- b. The sperm count is  $80 \times 10^6/\text{ml}$ .
- c. There are no motile sperms 20 minutes after ejaculation.

- d. The volume of ejaculated semen is less than 5 ml.

**Q.9. Secondary sexual characteristics do not develop in male children:**

- a. Who have one undescended testis.
- b. Lacking the posterior pituitary function.
- c. Whose seminiferous tubules have been damaged by atomic radiation
- d. Lacking anterior pituitary hormones.

**Q.10. Pain receptors:**

- a. Adapt rapidly.
- b. Are found in the skin only.
- c. May become hypersensitive in the presence of tissue injury.
- d. Are more densely distributed in the viscera than in the skin.

Oral exam will be on Sunday 24/4/2016 at 9 am in physiology department



Examination of Master Degree

First part, Mycology

Date: 3/4/2016

Total Marks: 60



Tanta University

Faculty of Medicine

Department of Dermatology

& Venereology

**All Questions should be answered:**

- 1- Describe microscopic features and cultural findings of fungi causing scaly variety of tinea capitis. ( 25 marks )
- 2- Explain laboratory identification of Candida. ( 15 marks )
- 3- Give a short account on:
  - a- Microconidia. ( 10 marks )
  - b- Types of fungal reproduction. ( 10 marks )