

## MANIPAL UNIVERSITY

MD (DERMATOLOGY, VENERELOGY AND LEPROSY) DEGREE EXAMINATION – APRIL 2015

SUBJECT: PAPER I: BASIC SCIENCES IN RELATION TO DERMATOLOGY

Wednesday, April 01, 2015

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.

✍ Draw neat labeled diagrams wherever necessary. Answer all questions.

✍ Long Essays.

1. Name the syndromes associated with DNA instability. Describe the pathogenesis, clinical feature and management of Xeroderma pigmentosa.

(15 marks)

2. Describe the structure of eccrine sweat gland with the help of a neat diagram. Add a note on thermoregulation in the skin.

(15 marks)

3. Write short notes on:

3A. Outline the steps in collagen biosynthesis

3B. What is the role of 'cytodiagnosis' in dermatology

3C. Write short notes on: (i) Corp rands & grains (ii) epidermolytic hyperkeratosis

3D. Write briefly on the pathogenesis of psoriasis

3E. Biochemical properties of Neisseria gonorrhoea

3F. Laboratory diagnosis of HIV infection

3G. Immunology of M.Lepae

3H. Describe the clinical feature and management of acute hemorrhagic edema of infancy.

3I. Write briefly on various methods of prenatal diagnosis.

3J. What are the types of lymphatic malformations? Briefly describe the clinical feature of them.

(7 marks×10 = 70 marks)



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MD (DERMATOLOGY, VENERELOGY AND LEPROSY) DEGREE EXAMINATION – APRIL 2015

SUBJECT: PAPER II: PRINCIPLES OF DERMATOLOGY

Thursday, April 02, 2015

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.

✍ Long Essays.

1. Classify topical corticosteroids. Describe their mechanism of action and methods to reduce their side effects.

(15 marks)

2. Describe the clinical features of Tinea capitis. Add a note on immunology of chronic T.rubrum infections.

(15 marks)

3. Write short answers:

- 3A. Causes of systemic contact dermatitis  
3B. Investigations and treatment of oral lichenoid eruption  
3C. Classification of topical antifungals and mechanism of action  
3D. Nail changes in papulosquamous disorders  
3E. Types of progressive pigmentary purpuric dermatoses  
3F. How will you manage a case of chronic pruritus?  
3G. Compare and contrast histopathology of melanocytic nevus and malignant melanoma  
3H. D/D of Pemphigus foliaceus  
3I. Colour changes of nails  
3J. Causes and treatment of creeping eruption

(7 marks×10 = 70 marks)



**MANIPAL UNIVERSITY****MD (DERMATOLOGY, VENEREOLOGY AND LEPROSY) DEGREE EXAMINATION – APRIL 2015****SUBJECT: PAPER III: VENEREOLOGY AND LEPROSY**

Saturday, April 04, 2015

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

**✍ Answer all the questions.****✍ Long Essays.**

1. Describe Pathogenesis, clinical manifestations and management of bone involvement in Leprosy.

(5+7+3 = 15 marks)

2. Describe the complications of gonococcal infection in a female and management of each.

(7+8 = 15 marks)

**3. Write short notes on:**

3A. Vaccines in leprosy

3B. Primary genital herpes infection

3C. Stigmata of syphilis

3D. Clinical types of chancroid

3E. Trophic ulcers in leprosy

3F. Persisters in Leprosy

3G. Clue cell

3H. Lepromin test

3I. Acetowhitening

3J. Primary mononeuritic leprosy

(7 marks × 10 = 70 marks)



**MANIPAL UNIVERSITY**

**MD (DERMATOLOGY, VENEREOLOGY AND LEPROSY) DEGREE EXAMINATION – APRIL 2015**  
**SUBJECT: PAPER IV: DERMATOLOGY IN RELATION TO GENERAL MEDICINE**

Monday, April 06, 2015

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays.**

1. Describe cutaneous manifestations of Acute Cutaneous Lupus Erythematosus. Classify sunscreens used.

(10+5 = 15 marks)

2. Classify amyloidosis. Describe the clinical features and management of cutaneous Amyloidosis.

(10+5 = 15 marks)

3. **Write short notes on:**

3A. Graft versus Host reaction

3B. Rituximab

3C. Types of scars in Acne and its management

3D. Moh's chemosurgery

3E. Vaccines in STD

3F. Deep peels

3G. Digitate dermatoses

3H. Chromhidrosis

3I. Granuloma annulare

3J. Chloracne

(7 marks×10 = 70 marks)

